

# **Board of Trustees**

Meeting of November 22, 2024





Please join us using either option.

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# OKLAHOMA MUNICIPAL RETIREMENT FUND BOARD MEETING AGENDA

Meeting at 10:00 a.m. 1001 NW 63rd Street, Suite 260; Oklahoma City, OK

November 22, 2024

Official action can only be taken on items which appear on the agenda. The Trustees may adopt, approve, ratify, deny, defer, recommend, amend, strike, or continue any agenda item. When more information is needed to act on an item, the Trustees may refer the matter to the Executive Director or Trust attorney. The Trustees may also refer items to standing Committees of the Trust for additional study. Under certain circumstances, items can be deferred to a specific later date or stricken from the agenda entirely.

- 1. Call to Order
- 2. Roll Call
- 3. Approval of Consent Agenda
  - A. Minutes of October 25, 2024, Meeting(s)
  - B. Monthly Valuation of Fund Assets & Unit Values by Custodian
    - 1. Defined Benefit Balanced Fund
    - 2. International Investment Equity Fund
    - 3. Aggressive Equity Fund
    - 4. Real Assets Fund
    - 5. Global Equity Index Fund
    - 6. ESG U.S. Stock Fund
    - 7. Growth & Value Fund
    - 8. S&P 500 Index
    - 9. Total Yield Bond Fund
    - 10. Bond Index Fund
    - 11. Voya Fixed Plus III
    - 12. Target Retirement 2065 Fund
  - C. Purchases and Sales of Assets
  - D. Administrative Expenses and Fees
  - E. Benefit Payments and Contribution Refunds
  - F. Acknowledgment of Receipt of the Clarion Lion Industrial Trust Amended and Restated Confidential Private Placement Memorandum Dated September 12, 2024
- 4. Consideration and Possible Action of Items Removed from the Consent Agenda
- 5. Comments from Public

- 13. Target Retirement 2060 Fund
- 14. Target Retirement 2055 Fund
- 15. Target Retirement 2050 Fund
- 16. Target Retirement 2045 Fund
- 17. Target Retirement 2040 Fund
- 18. Target Retirement 2035 Fund
- 19. Target Retirement 2030 Fund
- 20. Target Retirement 2025 Fund
- 21. Target Retirement 2020 Fund
- 22. Target Retirement Income Fund
- 23. Loan Fund
- 24. Self-Directed Brokerage Fund



- 6. WCM: Annual Update from Investment Manager Mark Dreschler, Jon Tringale, and Daniel Wiechert
- 7. Consideration and Possible Action Regarding Investment Committee Report
  - A. ACG: Review and Discussion of Monthly ASAP and Quarterly Performance Reports
  - B. Consideration and Possible Approval of Morgan Stanley Prime Property Fund Confidential Offering Memorandum, Related Supplements, Subscription Agreement, Operating Agreement, Subscription Booklet, and Related Documents as Recommended by the Investment Committee for DB Implementation and Rejection or Approval of any Amendments Proposed and Considered by the Trustees at the Meeting
  - C. Consideration and Possible Action on Reallocation and/or Rebalancing of Assets Among Investment Managers as Recommended by the Investment Committee and Rejection or Approval of any Amendments Proposed and Considered by the Trustees at the Meeting
- 8. Consideration and Possible Action Regarding Administrative Committee Report
- 9. Consideration and Possible Action Regarding Contract Committee Report
- 10. Consideration and Possible Action to Co-sign the Defined Contribution Plan Amendment Incorporating the CARES Act as Prepared by McAfee & Taft
- 11. Receive Report on Newly Adopted or Amended OkMRF Member
- 12. OkMRF Staff Report
- 13. New Business
- 14. Trustee/Member Comments
- 15. Acknowledge the Review and Acceptance of ACG and WCM Reports as Presented During This Meeting
- 16. Roll Call
- 17. Adjourn

Posted by 10:00 a.m. November 21, 2024 1001 NW 63<sup>rd</sup> Street 1<sup>st</sup> Floor, Oklahoma City, OK 73116

2024 OKMRF BOARD OF TRUSTEES' MEETINGS CONSULTANT SCHEDULE & CALENDAR OF EVENTS Oklahoma Municipal Retirement Fund

MEETING DATE	TRUSTEE MEETING TOPICS & SPEAKERS	ANNUAL ACTIVITIES
January 26, 2024	✓ ACG: 2024 Capital Market Assumption Analysis and Initiative Review	
	<ul> <li>✓ Blackrock: 2023 Year in Review with Global Economic Update</li> <li>✓ Inv. Manager: Blackrock Strategic Income Opportunities</li> </ul>	
February 28, 2024	Investment Committee  ✓ ACG: Semi-Annual Report  ✓ ACG: Private Equity Portfolio Discussion	
February 29, 2024	✓ Inv. Manager: Axiom Emerging Markets	
March 28, 2024	<ul> <li>✓ ACG: Review Investment Policies &amp; Guidelines</li> <li>✓ Inv. Manager: William Blair Small-Mid Cap Growth</li> <li>✓ Dean Actuaries, LLC: Summary of Actuarial Funding Studies</li> </ul>	
April 26, 2024	<ul> <li>✓ Inv. Manager: River Road Small Cap Value</li> <li>✓ Dean Actuaries, LLC: Summary of GASB 68</li> </ul>	
May 30, 2024	Administrative Committee  ✓ Budget and Goals	
May 31, 2024	<ul> <li>✓ Budget and Updated Contracts</li> <li>✓ Finley &amp; Cook: Audited GASB 68 Statements</li> </ul>	
June 28, 2024	<ul><li>✓ Inv. Manager: JP Morgan Real Estate</li><li>✓ Final Budget Approval, if not approved in May</li></ul>	• Trustee Retreat (June 27, 2024)
July 26, 2024	<ul><li>✓ Inv. Manager: Amundi Core Plus Bonds</li><li>✓ Dean Actuaries, LLC: Market Impact</li></ul>	
August 28, 2024	Investment Committee  ✓ ACG: Semi-Annual Report	
August 29, 2024	Administrative Committee  ✓ Voya: Recordkeeping, DC Custodial Services and Fixed Plus  ✓ Northern Trust: DB Custodial Service	
September 27, 2024		• OPFTEC  Hyatt Regency Downtown Tulsa, OK
October 25, 2024	<ul> <li>✓ Review 2025 Meeting Schedule</li> <li>✓ Election of Trustee Officers and Committee Assignments</li> <li>✓ Inv. Manager: Artisan International Value</li> </ul>	
November 22, 2024	✓ Inv. Manager: WCM International Growth	
December 20, 2024	✓ Finley & Cook: Audited Financial Statements 2023	• Christmas Luncheon after Board Meeting

#### **MINUTES**

# BOARD OF TRUSTEES

## OKLAHOMA MUNICIPAL RETIREMENT FUND October 25, 2024

#### 1. Call To Order

The Board of the Oklahoma Municipal Retirement Fund met at the Oklahoma Municipal Retirement Fund Offices, Oklahoma City, Oklahoma, on October 25, 2024, at 10:00 a.m. with Vice Chair Johnston presiding.

#### 2. Roll Call

Vice Chair Johnston requested Darrow take the roll call. A quorum was declared. On the roll call, the following members were present.

#### **BOARD OF TRUSTEES:**

Chair: Donna Doolen, Retiree, City of Ada (arrived at 10:05 a.m.)

Vice Chair: Robert Johnston, City Manager, City of Clinton

Treasurer: Jim Luckett, Jr., Retiree, City of Thomas Secretary: Robert Park, Retiree, City of Sallisaw

Members: Shaun Barnett, City Manager, City of Woodward

Tamera Johnson, Retiree, City of Shawnee Melissa Reames, Retiree, City of Stillwater Tim Rooney, City Manager, City of Mustang

Ed Tinker, Retiree, City of Glenpool

#### **OTHERS PRESENT:**

OkMRF Staff: Jodi Cox, CEO & Director

Kevin Darrow, Retirement Plan Advisor

Rhnea Stewart, Fund Accountant Regina Story, Fund Accountant

OkMRF Attorney: David Davis

Other: Kevin Moore, ACG

Ed Omata, Artisan (virtual)
David Samra, Artisan (virtual)
Joe Ebisa, with Intelligence (virtual)

Marina Benitez, Money-Media.com (virtual)

Unknown, 415-283-1820 (virtual)

Darrow opened the meeting with prayer and Rooney led the Pledge of Allegiance.

Johnston welcomed everyone and called the meeting to order.

**NOTICE:** The agenda for October 25, 2024, was posted in Columbus Square, Oklahoma City, Oklahoma, by Gloria Cudjoe, by 10:00 a.m. on October 24, 2024.

Signature(s)

# 3. Consideration and Possible Action to Administer Trustee Oaths of Office to Tamera Johnson and Robert Johnston and Acknowledge General Incumbency Certificate Tamera Johnson, District 4 and Robert Johnston, At-Large, were administered the constitutional and statutory oath of office by OkMRF staff member, Lindsay Porter.

## 4. Approval of Consent Agenda

The following items were presented under the consent agenda.

## A. Minutes of September 27, 2024 Meeting(s)

# B. Monthly Valuation of Fund Assets & Unit Values by Custodian as of September 30, 2024

Option	Value By Fund
Defined Benefit	\$781,360,239.05
International Investment Equity	9,574,123.19
Aggressive Equity	19,101,081.84
Real Assets Fund	718,484.52
ESG US Stock Fund	1,888,344.36
Global Equity	13,462,169.93
Growth and Value Equity	29,050,615.46
S & P 500 Index	48,022,488.59
Target Retirement 2065	274,624.24
Target Retirement 2060	13,032,195.01
Target Retirement 2055	12,172,885.84
Target Retirement 2050	18,053,576.99
Target Retirement 2045	23,515,740.05
Target Retirement 2040	27,801,384.39
Target Retirement 2035	34,425,287.60
Target Retirement 2030	39,689,051.44
Target Retirement 2025	45,121,204.27
Target Retirement 2020	19,566,375.34
Target Retirement Income	19,029,829.08
Total Yield Bond Fund	8,137,161.17
Bond Index	14,774,523.61
Voya Fixed Plus III	47,358,333.69
Loan Portfolio	8,846,678.23
Self Directed Brokerage	429,537.27
Total Assets	\$1,235,405,935.16

# C. Purchases and Sales of Assets for September 24

## D. Administrative Expenses and Fees

## **Expenses and Fees for October**

Actuary & Recordkeeping	\$ 50,353.59
Administration	120,165.78
Attorney	24,000.00
Audit	0.00
Board Travel	9,139.52
Employer Directed Expense	5,280.00
Insurance	0.00
Investment Advisors	106,811.20
Custodial	8,133.34
Investment Consultant	42,207.60
Public Relations	3,775.66
Representative Travel	10,897.61
EXPENSES	\$380,764.30

# E. Benefit Payments and Contribution Refunds for September 24

Motion made by Tinker, seconded by Rooney to approve all items on the Consent Agenda.

Motion carried: AYE: Barnett, Johnson, Johnston, Luckett, Park,

Reames, Rooney, and Tinker

NAY: None

ABSENT: Doolen

# 5. Consideration and Possible Action of Items Removed from the Consent Agenda

No action taken.

## 6. Comments from the Public

None.

## 7. Artisan: Annual Update from Investment Manager - Ed Omata and David Samra

Omata introduced himself and Samra joined the call to kick off with a brief portfolio positioning summary. Samra stated that Artisan Partners are fundamental investors and the way the portfolios are constructed are based on discounts to intrinsic value. As value investors, they are looking for disparities in the marketplace and every security is evaluated based on what level of discount it offers. When markets are rising, as in the current environment, Artisan is selling securities to recognize gains. Therefore, it becomes much more difficult to find new, significantly undervalued securities at the same rate at which they are selling. This causes cash to grow as a percentage of the portfolio.

Samra pointed to the Top 10 holdings and discussed how they evaluate each business on an individual basis, rather than geographical considerations. He summarized several of these holdings, the selection criteria surrounding each holding, and how they are contributors to the performance of the fund.

Omata then commented on the performance of the fund and discussed what transpired during the pandemic as far as investment opportunities. Samra pointed out that travel and leisure as well as oil and gas provided opportunities for investment and were able to generate significant returns over the past few years. Samra then discussed the domestic vs. international economy and businesses that comprise the index, and that Artisan's focus is on better businesses at a discount.

# 8. Consideration and Possible Action Regarding Investment Committee Report A. ACG: Review and Discussion of Monthly ASAP Reports

Moore stated that performance has been strong with markets at all-time highs. Real estate appears to be trending towards a turnaround. Regarding the DB portfolio, the Fund will continue to move to the new target allocation for private equity. While performance is up, Moore said that he expects the election and other geopolitical concerns to create volatility.

Emerging markets moved upward in the month of September. The portfolio is a tad bit overweight to large cap equities, but that is due to performance as well as using that category for investing idle cash. Total portfolio, net of fees, is up over 11.5% year to date. Seven-year rate of return numbers are right at the fund targets, with U.S. stocks continuing to be the driver of performance. No concerns with any of the managers.

Moore pointed out that River Road looks different than other managers because they do not hold any banks, and banks were up almost 20% in the quarter alone. Moore also pointed out that the S&P 500 trailing one year return is up 36%, the DB portfolio is passively invested there so not a huge boost to the overall performance. On the non-U.S. side, Moore indicated that China has had strong performance in a short amount of time, and Axiom being underweight to China, results in being significantly below the benchmark for a shorter time frame.

Moore reminded the Board that the Morgan Stanley Prime Property Fund is targeted to complete the subscription documentation process by the end of the year for a \$30 million commitment. Moore informed the Board of a key employee leaving the JP Morgan Strategic Property Fund and summarized the fee credit program for JP Morgan that the

Board is participating in and the status to date. Moore also pointed out the last page of the DB statement regarding private equity activity.

Regarding the DC portfolio, Moore also presented experience of double digit returns regarding U.S. equities. No concerns with any managers. Pointing out the wide utilization of the target date funds amongst the participant base.

B. Consideration and Possible Action on Reallocation and/or Rebalancing of Assets
Among Investment Managers as Recommended by the Investment Committee
and Rejection or Approval of any Amendments Proposed and Considered by the
Trustees as the Meeting

No action needed.

- 9. Consideration and Possible Action Regarding Administrative Committee Report
  - A. Consideration and Possible Action on Resolution 2024-3 Regarding an Amendment to the Staff OkMRF Defined Benefit Program Approving a Split Tier Retention Structure Effective January 1, 2025, as Recommended by the Administrative Committee and Rejection or Approval of any Amendments Proposed and Considered by the Trustees at the Meeting

Johnston reminded Trustees that this amendment has been discussed since the last budget process. The Administrative Committee brought it to the meeting last month for approval, and this item is the resolution that would formally amend the OkMRF Defined Benefit plan.

Motion to adopt and approve Resolution 2024-3 made by Johnston and seconded by Reames.

Motion carried: AYE: Barnett, Doolen, Johnson, Johnston, Luckett,

Park, Reames, Rooney, and Tinker

NAY: None

10. Consideration and Possible Action Regarding Contract Committee Report

No action needed.

11. Consideration and Possible Action Regarding the Election of Officers

Officers are elected annually to serve a one (1) year term.

Motion made by Tinker, seconded by Rooney to approve the current slate of officers as follows:

Chair: Doolen

Vice-Chair: Johnston Secretary: Park Treasurer: Luckett

Motion carried: AYE: Barnett, Doolen, Johnson, Johnston, Luckett,

Park, Reames, Rooney, and Tinker

NAY: None

### 12. Consideration and Possible Approval of Chair's Committee Assignments

Chair Doolen suggested appointments, via memo, and designated Chairpersons to continue to serve on the same Committee as the prior year. The Committee Chair appointments proposed as follows:

Administrative Chair: Johnston Contract Committee Chair: Reames Investment Committee Chair: Luckett

Motion made by Tinker and seconded by Rooney to accept the Chair's Committee assignments as presented.

Motion carried: AYE: Barnett, Doolen, Johnson, Johnston, Luckett,

Park, Reames, Rooney, and Tinker

NAY: None

# 13. <u>Consideration and Possible Approval of 2025 Trustee Meeting Schedule and Staff Holidays</u>

Cox presented a proposed 2025 Trustee meeting schedule and Staff holidays, noting one (1) Thursday Board meeting to be held in August. Cox indicated that OkMRF is the host plan for OPFTEC in 2025 and it is scheduled for the first week in October, so there is no need for any off-site meetings. Cox also indicated that since OkMRF is organizing OPFTEC next year, there will be no Trustee retreat planned for 2025 due to demands on finding presenters for both events.

Motion made by Luckett and seconded by Rooney to approve the schedule for Board meetings and Staff holidays as proposed.

Motion carried: AYE: Barnett, Doolen, Johnson, Johnston, Luckett,

Park, Reames, Rooney, and Tinker

NAY: None

### 14. Receive Report on Newly Adopted or Amended OkMRF Member Plans

Cox reported on plan changes for the OkMRF members.

### 15. OkMRF Staff Report

Cox reported on the following items:

- Reminder of professional photos scheduled before next month's meeting on Friday, November 22<sup>nd</sup>.
- ➤ WCM will be presenting at next month's meeting.
- Finley & Cook will be attending the December meeting to present the financial report.
- ➤ Kari Baser is working to get all DB Member's plans to adopt the restated DB master joinder. These will be mailed to members next week with an effective date of 1/1/25 and need to be adopted by 3/31/25.
- ➤ This year's give back event is again the Youth and Family Services of El Reno. Donations will be accepted by cash, check, or electronically.

- ➤ CPE status for each Trustee has been provided. Also, for those who participated in ACG staff education through due diligence trips, please complete the ACG training form provided so CPE records can be updated.
- ➤ Whatley and Darrow provided a memo summarizing the due diligence trips to State Street and Amundi for those who were unable to attend.

#### 16. New Business

None.

#### 17. Trustee/Member Comments

Trustees provided feedback to ACG regarding the meeting's investment presentation, Item 7.

# 18. Acknowledge the Review and Acceptance of ACG and Artisan Reports as Presented During This Meeting

Motion made by Luckett and seconded by Rooney to accept the monthly reports from ACG and Artisan.

Motion carried: AYE: Barnett, Doolen, Johnson, Johnston, Luckett,

Park, Reames, Rooney, and Tinker

NAY: None

#### 19. Roll Call

Darrow reported a quorum present.

### 20. Adjourn

With no further business to conduct, the meeting adjourned at 11:05 a.m.

Robert Park, Secretary

Donna Doolen, Chair

Respectfully submitted by:

Regina Story

### Oklahoma Municipal Retirement Fund Summary of Assets and Investment Returns 10/31/2024

Option	Value By Fund	1 Month	3 Month	Year to Date	1 Yr	3 Yr Rolling	5 Yr Rolling	10 Yr Rolling
Defined Benefit	\$ 766,880,412.48	-1.68%	1.37%	10.52%	20.72%	2.09%	7.26%	6.77%
International Investment Equity	\$ 9,075,905.89	-3.99%	0.96%	9.17%	23.59%	0.86%	6.03%	5.66%
Aggressive Equity	\$ 18,960,309.95	-0.59%	0.38%	9.79%	32.85%	1.27%	10.82%	8.88%
Real Assets Fund	\$ 736,999.35	-2.36%	2.54%	5.38%	14.74%	0.69%	4.82%	3.00%
ESG US Stock Fund	\$ 1,820,700.97	-3.44%	-0.48%	8.40%	25.71%	3.52%	12.54%	13.00%
Global Equity	\$ 12,525,112.24	-2.33%	2.46%	16.04%	32.77%	5.79%	11.42%	9.38%
Growth and Value Equity	\$ 28,614,492.10	-0.71%	2.92%	19.53%	37.01%	7.13%	14.99%	12.74%
S & P 500 Index	\$ 46,513,134.10	-0.91%	3.66%	20.95%	37.98%	9.06%	15.23%	12.97%
Target Retirement 2065	\$ 268,907.10	-2.78%	1.52%	12.15%	29.93%	2.89%	N/A	N/A
Target Retirement 2060	\$ 12,919,457.67	-2.77%	1.52%	12.15%	29.94%	2.90%	9.36%	N/A
Target Retirement 2055	\$ 12,001,865.90	-2.78%	1.52%	12.15%	29.94%	2.90%	9.36%	8.23%
Target Retirement 2050	\$ 17,766,211.92	-2.79%	1.50%	12.03%	29.71%	2.84%	9.33%	8.21%
Target Retirement 2045	\$ 22,811,133.82	-2.80%	1.44%	11.54%	28.60%	2.62%	8.98%	8.05%
Target Retirement 2040	\$ 27,258,328.22	-2.78%	1.40%	11.02%	27.46%	2.42%	8.54%	7.75%
Target Retirement 2035	\$ 33,412,292.67	-2.74%	1.36%	10.34%	26.02%	2.18%	8.02%	7.40%
Target Retirement 2030	\$ 39,200,420.08	-2.49%	1.46%	9.73%	23.98%	2.03%	7.50%	7.01%
Target Retirement 2025	\$ 44,833,859.37	-2.10%	1.57%	8.38%	19.81%	1.65%	6.58%	6.36%
Target Retirement 2020	\$ 19,110,105.14	-1.85%	1.48%	7.00%	16.27%	1.44%	5.37%	5.33%
Target Retirement Income	\$ 18,599,402.75	-1.83%	1.46%	6.76%	15.51%	1.57%	4.72%	4.32%
Total Yield Bond Fund	\$ 8,002,653.08	-2.14%	0.78%	3.73%	12.18%	-0.25%	1.63%	2.52%
Bond Index <sup>1</sup>	\$ 14,632,768.96	-2.48%	0.24%	1.93%	10.52%	-2.24%	-0.25%	1.46%
Voya Fixed Plus III	\$ 47,076,800.52	0.19%	0.56%	1.87%	2.25%	1.99%	2.00%	1.88%
Loan Portfolio	\$ 8,987,387.24				-			
Self Directed Brokerage	\$ 441,216.93							
Total Assets	\$ 1,212,449,878.45							

<sup>&</sup>lt;sup>1</sup>Returns prior to 10/31/15 represent the existing OkMRF Bond Fund.

# OKLAHOMA MUNICIPAL RETIREMENT FUND

# Defined Benefit Plan

# Statement of Changes in Net Assets

# For the Month Ended October 31, 2024

Contributions			
Employer	\$		
Employee	826,738.56		
Total		\$	2,495,624.86
Investment income:			
Interest	51,834.09		
Dividends	659,525.61	_	
	711,359.70	-	
Less: Beginning accrual	(299,438.02)		
Add: Ending accrual	284,091.48		
Net income received	696,013.16		
Appreciation in fair value of investments	(13,362,757.82)		
Investment expenses	(305,377.90)		
Administrative expenses	(134,885.67)		
Net investment income		_	(13,107,008.23)
Total additions			(10,611,383.37)
Payment of benefits and member refunds	(3,862,334.58)		
Transfers in (out)	(6,108.62)		
Net increase (decrease) for month		_	(14,479,826.57)
Net assets available for plan benefits: Beginning of month		\$_	781,360,239.05
End of month		\$_	766,880,412.48

# OKLAHOMA MUNICIPAL RETIREMENT FUND Equity/Fixed Asset Split As of October 2024

Define Benefit         Market Value         Cash         Total Assets         Assets         of Total Product Product Equity**         \$ 10,735,737.00         311,826.75         11,047,563.75         2.82%         3.39%         1.45%         1.45%         1.4047,563.75         2.82%         3.39%         1.45%         1.55%         1.45%         1.45%         1.55%         1.45%         1.45%         1.55%         1.45%         1.55%         1.45%         1.55%         1.45%         1.55%         1.45%         1.55%         1.55%         1.45%         1.55% <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Cash % of Each Mgr's</th> <th>Managers' Assets as %</th> <th>Managers' Assets as %</th>								Cash % of Each Mgr's	Managers' Assets as %	Managers' Assets as %
Narburg Pincus Private Equity**   \$10,735,737.00   311,826.75   11,047,563.75   2,82%   3,39%   1,45%   River Road Small Cap Value   35,451.159.7   3,990,740.37   33,441,865.34   10,12%   12,11%   5,19%   State Street S&P 500   234,688,856.12   142,872.25   234,831,728.37   0,66%   72,10%   30,91%   William Blair SMID Growth   40,003,706.96   17,101.53   40,025,808.49   0,04%   12,29%   5,27%   K2 Long/Short Equity*   332,286.00   20,419.24   353,283.24   5,62%   0,11%   0,05%   6,20%			Market Value		Cash		Total Assets	Assets	of Group	of Total
River Road Small Cap Value   \$3,451,115.97   \$3,990,740.37   39,441,865.43   10.12%   12.11%   5.19%   State Street SkP 500   224,688,886.12   142,872.25   224,881,728.37   0.06%   72.10%   30.01%   William Blair SMID Growth   40,008,706.96   17,101.53   40,025,808.49   0.04%   12.29%   5.27%   Equity Totals   \$321,227,280.05   4,482,950.14   325,710,240.19   1.36%   100.00%   42.87%   Equity Totals   \$321,227,280.05   4,482,950.14   325,710,240.19   1.36%   100.00%   42.87%   Equity Totals   \$321,227,280.05   4,482,950.14   325,710,240.19   1.36%   100.00%   42.87%   Equity Totals   \$47,132,269.61   0.00   47,132,269.61   0.00%   31.18%   6.20%   Amundi Multi-Sector   49,629,419.61   0.00   49,629,419.61   0.00%   32.83%   6.53%   6.53%   Amundi Multi-Sector   49,629,419.61   0.00%   49,629,419.61   0.00%   32.83%   6.53%   6.53%   Amundi Multi-Sector   542,987,72.49   112,224.80   54,410,997.29   0.21%   35,99%   7.17%   Fixed Totals   5151,060,461.71   112,224.80   151,172,686.51   0.007%   100.00%   19.90%   International Equity   Arisan Value Institutional   \$80,23,131.53   0.00   58,023,131.53   0.00%   28.36%   7.63%   Ninety One International Equity   37,853,352.14   0.00   58,082,49.25   0.00%   37,853   7.34%   Axiom Emerging Markets Equity   37,853,352.14   0.00   37,863,352.14   0.00%   27,28%   7.34%   Axiom Emerging Markets Equity   37,853,352.14   0.00   37,863,352.14   0.00%   37,863   6.59%   204,547,130.92   53,380.87   52,915,778.87   0.00%   35,16%   0.83%   4.99%   204,547,130.92   53,380.87   52,915,778.87   0.00%   35,16%   0.63%   4.99%   204,547,130.92   53,380.87   52,915,778.87   0.00%   35,16%   0.63%   4.99%   204,547,130.92   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99   0.00   31,144,276.99		_								4 4=0/
State Street S&P 600   234 688 856.12   142,872.25   234,831,728.37   0.66%   72.10%   30.91%		\$	, ,		•					
William Blair SMID Growth	•		, ,		, ,					
Equity   Totals   Sazi, 227,280.05   A,482,960.14   358,283.24   5.6.2%   0.11%   0.05%					•					
Equity Totals   \$ 321,227,280.05					•					
Fixed Managers:   JPMorgan Core   \$ 47,132,269.61   0.00   47,132,269.61   0.00%   31.18%   6.20%   Amundi Multi-Sector   49,629,419.61   0.00   49,629,419.61   0.00%   32.83%   6.53%   BlackRook Strategic Income   54,284,772.49   112,224.80   54,410,987.29   0.21%   35.99%   7.17%   Fixed Totals   151,060,461.71   112,224.80   151,172,686.51   0.07%   100.00%   19.90%   International Equity   55,808,249.25   0.00   58,023,131.53   0.00   28.36%   7.63%   Ninety One Intel Dynamic Equity   55,808,249.25   0.00   55,808,249.25   0.00%   27.28%   7.34%   Axiom Emerging Markets Equity   37,853,352.14   0.00   37,853,352.14   0.00%   18.50%   4.89%   International Totals   \$ 204,547,130.92   53,380.87   204,600,511.79   0.03%   100.00%   26.91%   International Totals   \$ 204,547,130.92   53,380.87   204,600,511.79   0.03%   100.00%   26.91%   International Totals   \$ 27,607,395.59   0.00   27,607,395.59   0.00%   35,16%   3.63%   4.09%   JPMorgan Roal Estate Strategic   \$ 31,114,276.99   0.00   31,114,276.99   0.00%   39,63%   4.09%   JPMorgan Roal Estate Special Situation   18,149,243.94   1,641,811.16   19,791,055.10   8.30%   25.21%   2.60%   Asset AllocationTotals   \$ 753,705,789.20   6,290,376.97   759,996,166.17		.—		_		_	<u> </u>			
PMorgan Core   \$ 47,132,269.61   0.00   47,132,269.61   0.00%   31.18%   6.20%   Amundi Multi-Sector   49,622,419.61   0.00   49,629,419.61   0.00%   32.83%   6.53%   6.53%   Fixed Totals   \$ 151,060,461.71   112,224.80   151,172,686.51   0.07%   100.00%   19.90%   19.90%   112,224.80   151,172,686.51   0.07%   100.00%   19.90%   19.90%   10.00%   10.00%   10	Equity Totals	\$	321,227,280.05	_	4,482,960.14	_	325,710,240.19	1.38%	100.00%	42.87%
Annual Multi-Sector	Fixed Managers:									
BlackRock Strategic Income   54,298,772.49   112,224.80   54,410,997.29   0.21%   35.99%   7.17%     Fixed Totals   \$ 151,060,461.71   112,224.80   151,172,686.51   0.07%   100.00%   19.90%     International Equity	JPMorgan Core	\$	47,132,269.61		0.00		47,132,269.61	0.00%	31.18%	6.20%
Fixed Totals	Amundi Multi-Sector		49,629,419.61		0.00		49,629,419.61	0.00%	32.83%	6.53%
International Equity	BlackRock Strategic Income		54,298,772.49		112,224.80		54,410,997.29	0.21%	35.99%	7.17%
Artisan Value Institutional         \$ 58,023,131.53         0.00         58,023,131.53         0.00%         28.36%         7.63%           Ninety One Inti Dynamic Equity         55,808,249.25         0.00         55,808,249.25         0.00%         18.50%         4,98%           Axiom Emerging Markets Equity         37,853,352.14         0.00         37,853,352.14         0.00%         18.50%         4,98%           WCM Focused Inti Growth         52,862,398.00         53,380.87         52,915,778.87         0.10%         25.86%         6.96%           International Totals         204,547,130.92         53,380.87         204,600,511.79         0.03%         100.00%         25.86%         6.96%           International Totals         27,607,395.59         0.00         27,607,395.59         0.00%         35.16%         3.63%           JPMorgan Real Estate Strategic         31,114,276.99         0.00         31,114,276.99         0.00%         39.63%         4.09%           JPMorgan Real Estate Special Situation         18,149,243.94         1,641,811.16         19,791,055.10         8.30%         25.21%         2.60%           Asset AllocationTotals         753,705,789.20         6,290,376.97         759,996,166.17         Cash and Cash Equivalents*         30.00         2,988,304.98	Fixed Totals	\$	151,060,461.71	_	112,224.80		151,172,686.51	0.07%	100.00%	19.90%
Artisan Value Institutional         \$ 58,023,131.53         0.00         58,023,131.53         0.00%         28.36%         7.63%           Ninety One Inti Dynamic Equity         55,808,249.25         0.00         55,808,249.25         0.00%         18.50%         4,98%           Axiom Emerging Markets Equity         37,853,352.14         0.00         37,853,352.14         0.00%         18.50%         4,98%           WCM Focused Inti Growth         52,862,398.00         53,380.87         52,915,778.87         0.10%         25.86%         6.96%           International Totals         204,547,130.92         53,380.87         204,600,511.79         0.03%         100.00%         25.86%         6.96%           International Totals         27,607,395.59         0.00         27,607,395.59         0.00%         35.16%         3.63%           JPMorgan Real Estate Strategic         31,114,276.99         0.00         31,114,276.99         0.00%         39.63%         4.09%           JPMorgan Real Estate Special Situation         18,149,243.94         1,641,811.16         19,791,055.10         8.30%         25.21%         2.60%           Asset AllocationTotals         753,705,789.20         6,290,376.97         759,996,166.17         Cash and Cash Equivalents*         30.00         2,988,304.98	International Equity									
Ninety One Intl Dynamic Equity		\$	58.023.131.53		0.00		58.023.131.53	0.00%	28.36%	7.63%
Axiom Emerging Markets Equity 37,853,352.14 0.00 37,853,352.14 0.00% 18.50% 4.98% WCM Focused Intl Growth 52,862,398.00 53,380.87 52,915,778.87 0.10% 25.86% 6.96% International Totals \$204,547,130.92 53,380.87 204,600,511.79 0.03% 100.00% 26.91%    Real Estate Carion Lion Industrial Core** 27,607,395.59 0.00 27,607,395.59 0.00% 35.16% 3.63% 3.63% 3.9Mmgran Real Estate Strategic \$31,114,276.99 0.00 31,114,276.99 0.00% 39,63% 4.09% 3.9Mmgran Real Estate Special Situation Real Estate Totals \$76,870,916.52 1,641,811.16 19,791,055.10 8.30% 25.21% 2.60%   Asset AllocationTotals \$753,705,789.20 6,290,376.97 759,996,166.17  Cash and Cash Equivalents*   Miscellaneous \$0.00 3,885,941.33 3,895,941.33   Deposit 0.00 2,988,304.98 2,988,304.98   Cash Total \$0.00 6,884,246.31 6,884,246.31    Asset Totals \$753,705,789.20 \$13,174,623.28 \$766,880,412.48    Equity 40.00% 19,90%   International 125.00% 26.91%    Equity 40.00% 19,90%   International 125.00% 26.91%    Equity 52.00% 19,90%   International 125.00% 26.91%    Equity 64.00% 19,90%   International 125.00% 19,90%   International 125.00% 19,90%   Internatio		•								
MCM Focused Intil Growth International Totals   \$2,862,398.00   \$3,380.87   \$2,915,778.87   \$0.10%   \$25.86%   \$6.96%   International Totals   \$204,547,130.92   \$53,380.87   \$204,600,511.79   \$0.03%   \$100.00%   \$26.91%     Real Estate   Clarion Lion Industrial Core**   \$27,607,395.59   \$0.00   \$27,607,395.59   \$0.00%   \$35.16%   \$3.63%   \$3					0.00					
International Totals			, ,		53.380.87					
Clarion Lion Industrial Core**   27,607,395.59   0.00   27,607,395.59   0.00%   35.16%   3.63%     JPMorgan Real Estate Strategic   31,114,276.99   0.00   31,114,276.99   0.00%   39.63%   4.09%     JPMorgan Real Estate Special Situation   18,149,243.94   1,641,811.16   19,791,055.10   8.30%   25.21%   2.60%     Real Estate Totals   76,870,916.52   1,641,811.16   78,512,727.68   2.09%   100.00%   10.32%     Asset AllocationTotals   753,705,789.20   6,290,376.97   759,996,166.17     Cash and Cash Equivalents*	International Totals	\$			53,380.87		204,600,511.79	0.03%	100.00%	26.91%
Clarion Lion Industrial Core**   27,607,395.59   0.00   27,607,395.59   0.00%   35.16%   3.63%     JPMorgan Real Estate Strategic   31,114,276.99   0.00   31,114,276.99   0.00%   39.63%   4.09%     JPMorgan Real Estate Special Situation   18,149,243.94   1,641,811.16   19,791,055.10   8.30%   25.21%   2.60%     Real Estate Totals   76,870,916.52   1,641,811.16   78,512,727.68   2.09%   100.00%   10.32%     Asset AllocationTotals   753,705,789.20   6,290,376.97   759,996,166.17     Cash and Cash Equivalents*	Real Estate									
Second   S			27 607 395 59		0.00		27 607 395 59	0.00%	35 16%	3 63%
See		\$	, ,							
Real Estate Totals         \$ 76,870,916.52         1,641,811.16         78,512,727.68         2.09%         100.00%         10.32%           Asset AllocationTotals         \$ 753,705,789.20         6,290,376.97         759,996,166.17         \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	•	*					, ,			
Asset AllocationTotals \$ 753,705,789.20 6,290,376.97 759,996,166.17    Cash and Cash Equivalents*		\$		_		_	· · ·			
Cash and Cash Equivalents*           Miscellaneous         \$ 0.00         3,895,941.33         3,895,941.33         2,988,304.98         2,988,304.98         2,988,304.98         4,298,304.98         4,2		· —			, , , , , , , , , , , , , , , , , , , ,	_	-,,			
Miscellaneous   \$ 0.00   3,895,941.33   3,895,941.33   2,988,304.98   2,988,304.98   Cash Total   \$ 0.00   6,884,246.31	Asset AllocationTotals	\$	753,705,789.20		6,290,376.97		759,996,166.17			
Deposit	Cash and Cash Equivalents*									
Cash Total \$ 0.00 6,884,246.31 6,884,246.31 Asset Allocation  Asset Totals \$ 753,705,789.20 \$ 13,174,623.28 \$ 766,880,412.48 Equity 40.00% 42.87% Fixed 20.00% International 25.00% 26.91%	Miscellaneous	\$	0.00		3,895,941.33		3,895,941.33			
Asset Totals \$ 753,705,789.20 \$ 13,174,623.28 \$ 766,880,412.48 Equity 40.00% 42.87% Fixed 20.00% 19.90% International 25.00% 26.91%	Deposit		0.00		2,988,304.98		2,988,304.98			
Asset Totals \$ 753,705,789.20 \$ 13,174,623.28 \$ 766,880,412.48 Equity 40.00% 42.87% Fixed 20.00% 19.90% International 25.00% 26.91%	Cash Total	\$	0.00		6,884,246.31		6,884,246.31			
Equity       40.00%       42.87%         Fixed       20.00%       19.90%         International       25.00%       26.91%									Asset A	llocation
Fixed         20.00%         19.90%           International         25.00%         26.91%	Asset Totals	\$	753,705,789.20	\$	13,174,623.28	\$_	766,880,412.48		Target Split:	Actual Split:
International 25.00% 26.91%						_		Equity	40.00%	42.87%
								Fixed	20.00%	19.90%
Real Estate 15.00% 10.32%								International	25.00%	26.91%
								Real Estate	15.00%	10.32%

<sup>\*</sup> Not included in Target Split or Actual Split Calculations.

<sup>\*\*</sup> Market Value reported by custodian is one to three months in arrears.

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# ◆ Asset Summary

	Accrued	Manhakwalica	Cook	Mankat	- Unrealized gain/loss —		Market values	0/
Country	income/expense	Market value	Cost	Market	Translation	Total	incl. accruals	%
Equities								
Common stock								
Israel - USD	0.00	416,087.42	370,754.85	45,332.57	0.00	45,332.57	416,087.42	0.054%
United Kingdom - USD	0.00	583,923.60	609,401.53	-25,477.93	0.00	-25,477.93	583,923.60	0.076%
United States - USD	17,391.38	34,473,396.19	28,244,242.04	6,229,154.15	0.00	6,229,154.15	34,490,787.57	4.498%
Total common stock	17,391.38	35,473,407.21	29,224,398.42	6,249,008.79	0.00	6,249,008.79	35,490,798.59	4.628%
Funds - common stock								
Emerging Markets Region - USD	0.00	40,008,706.96	29,497,191.90	10,511,515.06	0.00	10,511,515.06	40,008,706.96	5.217%
Global Region - USD	0.00	93,661,601.39	69,706,877.71	23,954,723.68	0.00	23,954,723.68	93,661,601.39	12.213%
International Region - USD	0.00	58,023,131.53	36,791,243.36	21,231,888.17	0.00	21,231,888.17	58,023,131.53	7.566%
United States - USD	0.00	234,688,856.12	104,735,713.31	129,953,142.81	0.00	129,953,142.81	234,688,856.12	30.603%
Total funds - common stock	0.00	426,382,296.00	240,731,026.28	185,651,269.72	0.00	185,651,269.72	426,382,296.00	55.600%
Total equities	17,391.38	461,855,703.21	269,955,424.70	191,900,278.51	0.00	191,900,278.51	461,873,094.59	60.228%
Fixed Income								
Funds - corporate bond								
United States - USD	0.00	96,761,689.22	84,794,500.71	11,967,188.51	0.00	11,967,188.51	96,761,689.22	12.618%
Total funds - corporate bond	0.00	96,761,689.22	84,794,500.71	11,967,188.51	0.00	11,967,188.51	96,761,689.22	12.618%
Funds - other fixed income								
United States - USD	221,001.67	54,471,521.63	56,689,000.96	-2,217,479.33	0.00	-2,217,479.33	54,692,523.30	7.132%
Total funds - other fixed income	221,001.67	54,471,521.63	56,689,000.96	-2,217,479.33	0.00	-2,217,479.33	54,692,523.30	7.132%

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◆ Asset Summary

	Accessed				Unrealized gain/loss —		Madatasha	
Country	Accrued income/expense	Market value	Cost	Market	Translation	Total	Market values incl. accruals	9
Total fixed income	221,001.67	151,233,210.85	141,483,501.67	9,749,709.18	0.00	9,749,709.18	151,454,212.52	19.749%
Real Estate								
Real estate								
United States - USD	0.00	77,096,083.67	83,423,839.02	-6,327,755.35	0.00	-6,327,755.35	77,096,083.67	10.053%
Total real estate	0.00	77,096,083.67	83,423,839.02	-6,327,755.35	0.00	-6,327,755.35	77,096,083.67	10.053%
Total real estate	0.00	77,096,083.67	83,423,839.02	-6,327,755.35	0.00	-6,327,755.35	77,096,083.67	10.053%
Venture Capital and Partnerships								
Partnerships								
United States - USD	0.00	63,598,135.00	30,610,363.00	32,987,772.00	0.00	32,987,772.00	63,598,135.00	8.293%
Total partnerships	0.00	63,598,135.00	30,610,363.00	32,987,772.00	0.00	32,987,772.00	63,598,135.00	8.293%
Total venture capital and partnerships	0.00	63,598,135.00	30,610,363.00	32,987,772.00	0.00	32,987,772.00	63,598,135.00	8.293%
Hedge Fund								
Hedge equity								
United States - USD	0.00	342,864.00	1,954,714.21	-1,611,850.21	0.00	-1,611,850.21	342,864.00	0.045%
Total hedge equity	0.00	342,864.00	1,954,714.21	-1,611,850.21	0.00	-1,611,850.21	342,864.00	0.045%
Total hedge fund	0.00	342,864.00	1,954,714.21	-1,611,850.21	0.00	-1,611,850.21	342,864.00	0.045%
Cash and Cash Equivalents								

Currency

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# ◆ Asset Summary

					Unrealized gain/loss ———			
Description	Accrued income/expense	Market value	Cost	Market	Translation	Total	Market values incl. accruals	%
•	поотпележрение	Warket value		Warket	Hansiation	Total	inci. decidais	70
Cash and Cash Equivalents								
Currency	-262,199.03	0.00	0.00	0.00	0.00	0.00	-262,199.03	-0.034%
Total currency	-262,199.03	0.00	0.00	0.00	0.00	0.00	-262,199.03	-0.034%
Funds - short term investment								
United States - USD	45,698.43	13,128,924.85	13,128,924.85	0.00	0.00	0.00	13,174,623.28	1.718%
Total funds - short term investment	45,698.43	13,128,924.85	13,128,924.85	0.00	0.00	0.00	13,174,623.28	1.718%
Total cash and cash equivalents	-216,500.60	13,128,924.85	13,128,924.85	0.00	0.00	0.00	12,912,424.25	1.684%
Adjustments To Cash								
Pending trade purchases								
Pending trade purchases	0.00	-627,651.92	-627,651.92	0.00	0.00	0.00	-627,651.92	-0.082%
Total pending trade purchases	0.00	-627,651.92	-627,651.92	0.00	0.00	0.00	-627,651.92	-0.082%
Pending trade sales								
Pending trade sales	0.00	1,966,602.06	1,966,602.06	0.00	0.00	0.00	1,966,602.06	0.256%
Total pending trade sales	0.00	1,966,602.06	1,966,602.06	0.00	0.00	0.00	1,966,602.06	0.256%
Other payables								
Other Payables	0.00	-1,735,351.69	-1,735,351.69	0.00	0.00	0.00	-1,735,351.69	-0.226%
Total other payables	0.00	-1,735,351.69	-1,735,351.69	0.00	0.00	0.00	-1,735,351.69	-0.226%
Total adjustments to cash	0.00	-396,401.55	-396,401.55	0.00	0.00	0.00	-396,401.55	-0.052%

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**Account number OKMUNT** 

**OKMRF UNIT ACCOUNTS** 

Page 4 of 4

31 Oct 24

◆ Asset Summary

	Accrued				<ul> <li>Unrealized gain/loss</li> </ul>		Market values	
Description	income/expense	Market value	Cost	Market	Translation	Total	incl. accruals	%_
Total Unrealized Gains						244,718,309.95		
Total Unrealized Losses						-18,020,155.82		
Total	21,892.45	766,858,520.03	540,160,365.90	226,698,154.13	0.00	226,698,154.13	766,880,412.48	100.000%

Total Cost incl. Accruals 540,182,258.35 Total Units: 7,746,640.59

Unit Value: 98.995223

Although this report has been prepared using information believed to be reliable, it may contain information provided by third parties or derived from third party information, and/or information that may have been obtained from, categorized or otherwise reported based upon client direction. The Northern Trust Company does not guarantee the accuracy, timeliness or completeness of any such information. The information included in this report is intended to assist clients with their financial reporting needs, but you must consult with your accountants, auditors and/or legal counsel to ensure your accounting and financial reporting complies with applicable laws, regulations and accounting guidance. The Northern Trust Company and its affiliates shall have no responsibility for the consequences of investment decisions made in reliance on information contained in this report.

# Oklahoma Municipal Retirement Fund Defined Benefit Plans Ownership by Plans October 31, 2024

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	11-14-	Beginning	Net Monthly	40/24/2024	42/24/2022	42/24/2022	42/24/2024
Plan Name	Units End of Month	of Month Market Value	Increase/ Decrease	10/31/2024 Market Value	12/31/2023 Market Value	12/31/2022 Market Value	12/31/2021 Market Value
Town of Adair	4,151.26	\$ 418,224.13	\$ (7,268.99)	\$ 410,955.14	\$ 381,330.81	\$ 319,445.22	\$ 406,519.73
City of Altus	261,576.67	26,366,425.53	(471,585.14)	25,894,840.39	23,730,415.12	21,686,601.56	26,251,595.20
City of Alva	62,554.19	6,300,162.55	(107,596.27)	6,192,566.28	5,683,080.76	5,102,862.98	5,984,867.20
City of Antlers	20,153.76	2,026,143.79	(31,018.04)	1,995,125.75	1,787,599.19	1,592,371.22	1,867,274.40
City of Ardmore	480,522.31	48,434,345.72	(864,932.58)	47,569,413.14	43,501,200.64	39,361,712.70	46,350,679.90
City of Bartlesville	279,736.06	28,242,210.59	(549,677.29)	27,692,533.30	25,648,381.99	23,498,612.80	27,807,264.09
City of Bartlesville RM	6,214.91	627,494.07	(12,248.16)	615,245.91	574,494.06	545,291.14	669,000.55
City of Bethany	319,581.97	32,291,307.80	(654,219.66)	31,637,088.14	29,894,732.36	28,307,303.56	34,731,307.07
Bethany/Warr Acres PWA Town of Billings	30,008.38 3,298.70	3,042,229.04 328,851.29	(71,542.53) (2,295.39)	2,970,686.51 326,555.90	2,878,969.77 291,883.62	2,884,352.37 260,690.95	3,487,200.98 304,179.21
Town of Binger	2,800.67	282,600.75	(5,348.19)	277,252.56	254,017.98	235,278.09	283,512.90
City of Blackwell	66,444.09	6,697,870.97	(120,223.57)	6,577,647.40	6,175,118.65	5,960,604.65	6,998,479.52
Town of Blair	8,580.33	864,560.21	(15,148.44)	849,411.77	774,507.92	697,004.19	789,759.46
City of Boise City	19,226.90	1,941,640.34	(38,268.91)	1,903,371.43	1,782,663.75	1,684,663.36	2,055,730.61
Town of Bokchito	3,111.07	311,690.49	(3,709.76)	307,980.73	263,464.22	215,670.54	235,788.60
Town of Braman	1,053.28	107,974.12	(3,704.63)	104,269.49	113,186.12	125,489.38	177,212.34
City of Bristow	47,530.44	4,790,061.83	(84,775.35)	4,705,286.48	4,326,663.93	3,957,170.89	4,754,159.04
City of Broken Bow	96,775.85	9,748,558.60	(168,211.37)	9,580,347.23	8,670,710.82	7,625,913.45	8,742,072.34
Town of Buffalo	11,977.73	1,208,858.43	(23,120.31)	1,185,738.12	1,115,447.32	1,047,033.16	1,273,392.79
Town of Burns Flat	10,792.41	1,088,460.28	(20,063.54)	1,068,396.74	981,675.36	899,196.07	1,063,466.35
Town of Byng	51.61	4,481.98	626.92	5,108.90	1 400 720 20	1 205 070 42	1 500 003 05
Town of Calera Central Oklahoma MCD	16,914.34 27,813.07	1,701,756.65 2,797,424.00	(27,317.49) (44,062.80)	1,674,439.16 2,753,361.20	1,490,739.29 2,469,369.52	1,385,979.43 2,203,894.97	1,598,982.05 2,578,837.28
City of Chandler	47,206.17	4,758,266.58	(85,081.04)	4,673,185.54	4,238,699.00	3,784,689.66	4,383,461.41
City of Checotah	38,566.37	3,879,144.80	(61,258.44)	3,817,886.36	3,396,241.38	3,021,276.40	3,509,547.89
City of Cherokee	6,504.09	657,439.29	(13,565.90)	643,873.39	555,317.14	490,577.86	562,622.42
City of Chickasha	195,876.21	19,788,211.51	(397,402.29)	19,390,809.22	18,449,383.20	17,389,316.52	21,381,692.30
Town of Chouteau	124.90	12,628.99	(264.58)	12,364.41	11,691.18	11,110.79	13,711.85
City of Claremore	252,433.54	25,398,711.02	(408,996.30)	24,989,714.72	22,649,252.22	20,371,912.79	23,887,587.49
Town Cleo Springs	1,228.13	123,742.15	(2,162.98)	121,579.17	120,258.57	126,373.98	217,197.90
City of Cleveland	32,110.33	3,258,826.38	(80,056.91)	3,178,769.47	3,003,767.43	2,777,689.03	3,418,016.29
City of Clinton	172,555.93	17,420,801.10	(338,588.27)	17,082,212.83	15,911,398.86	14,817,761.27	17,753,782.94
City of Collinsville	53,435.17	5,361,476.17	(71,650.03)	5,289,826.14	4,644,569.06	4,056,693.55	4,844,092.91
Town of Copan	1,244.43	126,162.63	(2,970.36)	123,192.27	114,057.12	100,217.62	110,128.91
City of Cordell City of Cushing	61,062.52 243,236.46	6,176,402.43 24,588,737.80	(131,504.32) (509,489.77)	6,044,898.11	5,723,701.07 22,617,740.76	5,420,707.75 21,275,575.99	6,598,523.94 26,073,950.04
City of Davis	31,309.37	3,234,605.87	(135,127.63)	3,099,478.24	2,867,063.69	2,591,195.40	3,028,986.90
City of Del City	244,149.75	24,726,450.74	(556,791.65)	24,169,659.09	22,189,758.29	20,154,900.50	23,602,360.42
City of Dewey	29,770.20	2,998,225.97	(51,118.33)	2,947,107.64	2,687,756.11	2,401,940.53	2,788,710.81
City of Drumright	30,614.45	3,094,084.59	(63,400.76)	3,030,683.83	2,815,543.65	2,616,885.23	3,181,101.51
City of Durant	317,394.82	31,982,023.82	(561,452.58)	31,420,571.24	28,922,149.97	26,563,304.42	31,684,920.07
City of El Reno	85,349.20	8,608,379.57	(159,216.58)	8,449,162.99	7,642,891.20	6,891,613.31	8,122,668.95
City of Eufaula	18,244.34	1,837,981.88	(31,879.78)	1,806,102.10	1,630,813.20	1,465,189.05	1,763,033.46
Town of Fort Cobb	2,880.17	292,023.18	(6,900.45)	285,122.73	268,265.34	253,738.70	309,750.50
Foss Reservoir PWA	12,567.28	1,265,362.39	(21,262.07)	1,244,100.32	1,127,624.95	1,030,878.55	1,217,576.40
City of Frederick	59,167.47 2,653.94	5,952,212.35 265,045.85	(94,915.61) (2,318.95)	5,857,296.74 262,726.90	5,372,719.50 218,244.22	4,896,393.19 180,470.07	5,818,322.88 184,430.53
City of Garber City of Geary	21,125.30	2,219,989.11	(128,685.10)	2,091,304.01	2,079,892.28	1,899,545.02	2,215,599.77
Town of Goodwell	3,714.00	374,192.52	(6,524.51)	367,668.01	334,141.88	308,980.30	402,887.95
Town of Gore	13,399.42	1,347,773.67	(21,295.13)	1,326,478.54	1,186,209.26	1,052,440.11	1,226,330.02
Town of Granite	21,627.82	2,186,274.56	(45,223.59)	2,141,050.97	1,997,707.28	1,817,895.12	2,182,754.14
City of Guthrie	89,360.21	9,022,541.36	(176,307.48)	8,846,233.88	8,069,350.20	7,449,821.31	8,798,075.08
City of Guymon	66,718.35	6,743,414.32	(138,616.16)	6,604,798.16	6,234,693.66	6,155,764.14	7,528,767.46
City of Harrah	43,696.76	4,383,556.36	(57,785.53)	4,325,770.83	3,875,996.39	3,445,846.09	4,043,121.42
City of Healdton	22,673.98	2,271,742.22	(27,126.56)	2,244,615.66	2,026,717.40	1,817,491.82	2,131,343.04
City of Henryetta	47,414.58	4,765,704.57	(71,887.18)	4,693,817.39	4,478,290.74	3,891,741.76	5,100,982.60
City of Hooker	15,078.05	1,523,659.73	(31,004.50)	1,492,655.23	1,402,820.64	1,326,070.60	1,646,806.51
Town of Hulbert	13,303.50	1,324,094.50	(7,111.12)	1,316,983.38	1,136,031.75	970,162.63	1,107,281.57
Town of Hydro Town of Kansas	4,454.75 2,026.08	449,217.01 203,485.57	(8,218.44)	440,998.57 200,572.59	410,963.94 178,165.14	377,912.14 159,918.58	470,613.68 181,659.69
Town of Kiefer	3,288.87	328,133.05	(2,550.70)	325,582.35	271,791.81	218,568.47	230,716.92
Town of Kingston	9,104.63	912,449.30	(11,134.40)	901,314.90	831,532.85	767,367.13	927,202.38
City of Krebs	9,549.23	960,313.78	(14,985.28)	945,328.50	817,865.14	685,998.89	757,411.55
Town of Laverne	19,426.91	1,953,698.23	(30,526.70)	1,923,171.53	1,712,343.67	1,527,172.27	1,815,395.83
Town of Leedey	335.41	32,828.98	375.44	33,204.42	-		-
City of Lindsay	64,784.70	6,546,746.85	(133,370.59)	6,413,376.26	5,928,381.46	5,448,828.59	6,512,706.58
City of Madill	49,005.99	4,911,607.16	(60,248.46)	4,851,358.70	4,330,396.48	3,883,191.46	4,446,509.40
Town of Mannford	52,250.88	5,249,756.41	(77,169.10)	5,172,587.31	4,503,127.16	3,918,613.65	4,413,949.60
Town of Mannford RM	743.44	74,855.28	(1,258.02)	73,597.26	67,228.10	60,389.40	70,630.30
City of Marietta	17,613.08	1,770,732.70	(27,122.30)	1,743,610.40	1,580,971.41	1,399,422.66	1,622,652.96
Marietta PWA	7,573.34	760,528.42	(10,803.91)	749,724.51	660,053.00	580,199.73	664,216.78

# Oklahoma Municipal Retirement Fund Defined Benefit Plans Ownership by Plans October 31, 2024

Plan Name	Units	Beginning of Month	Net Monthly				
Plan Name	Units			10/31/2024	12/31/2023	12/31/2022	12/31/2021
	End of Month	Market Value	Increase/ Decrease	Market Value	Market Value	Market Value	Market Value
City of McLoud	14,169.83	1,421,499.96	(18,754.72)	1,402,745.24	1,227,171.50	1,065,779.39	1,184,506.05
City of Medford	43,324.08	4,375,798.80	(86,921.60)	4,288,877.20	4,056,087.01	3,748,158.60	4,609,235.71
Town of Meeker	10,344.23	1,039,952.77	(15,923.57)	1,024,029.20	916,829.03	814,368.56	950,447.44
City of Miami	161,019.59	16,229,554.60	(289,384.12)	15,940,170.48	14,420,820.20	12,847,889.49	15,130,413.37
Town of Mooreland	16,590.63	1,676,924.03	(34,531.21)	1,642,392.82	1,530,502.88	1,432,333.82	1,766,367.55
Mountain Park MCD	13,091.46	1,319,546.09	(23,553.97)	1,295,992.12	1,189,001.86	1,109,902.77	1,321,111.55
Town of Muldrow	30,573.32	3,105,124.60	(78,511.88)	3,026,612.72	2,754,664.01	2,507,928.84	2,972,788.17
City of Muskogee	(0.00)	-	-	-	40,471.79	38,223.46	48,079.00
City of Mustang	110,810.15	11,163,959.49	(194,283.87)	10,969,675.62	9,922,321.40	8,880,271.54	10,384,236.79
City of Newkirk	12,822.09	1,296,170.16	(26,844.14)	1,269,326.02	1,183,001.96	1,113,530.09	1,370,794.91
City of Nichols Hills	137,597.93	13,842,733.59	(221,195.61)	13,621,537.98	12,990,082.87	11,677,208.80	14,166,832.14
City of Noble	39,181.96	3,943,023.75	(64,196.52)	3,878,827.23	3,456,810.35	3,076,088.37	3,455,039.34
City of Norman	1,342.76	137,499.57	(4,573.18)	132,926.39	149,775.26	121,288.38	197,212.28
City of Nowata	35,218.45	3,548,735.18	(62,276.74)	3,486,458.44	3,129,310.40	2,796,324.76	3,236,832.26
City of Oilton	6,003.44	604,401.05	(10,088.75)	594,312.30	536,238.91	497,102.23	582,234.99
OkMRF	29,964.72	2,999,651.29	(33,287.26)	2,966,364.03	2,578,061.58	2,161,268.46	2,375,103.58
Town of Okeene	14,508.40	1,477,535.53	(41,273.67)	1,436,261.86	1,345,175.13	1,250,671.63	1,509,997.84
City of Okemah	27,306.42	2,758,361.96	(55,156.98)	2,703,204.98	2,427,125.63	2,179,967.03	2,468,179.06
OML	88,565.61	8,946,988.37	(179,415.61)	8,767,572.76	8,252,266.78	7,778,531.51	9,434,662.97
City of Okmulgee	225,552.88	22,760,290.06	(431,632.19)	22,328,657.87	20,649,365.37	19,036,900.97	22,753,205.62
City of Owasso	303,417.78	30,526,162.83	(489,251.75)	30,036,911.08	26,837,212.10	23,703,872.19	27,198,403.68
City of Pawnee	41,262.82	4,153,042.43	(68,219.87)	4,084,822.56	3,813,132.33	3,467,514.90	4,091,386.46
City of Perkins	18,410.93	1,853,300.28	(30,706.59)	1,822,593.69	1,639,218.97	1,470,503.66	1,718,964.34
City of Perry	62,836.46	6,326,297.58	(105,788.08)	6,220,509.50	5,672,806.21	5,107,180.16	5,940,179.43
City of Piedmont	11,893.46	1,190,177.95	(12,782.10)	1,177,395.85	998,945.16	828,005.60	899,951.51
City of Pond Creek	20,222.31	2,033,674.43	(31,762.71)	2,001,911.72	1,818,517.72	1,639,621.19	1,930,759.95
Town of Porum	7,797.61	784,164.25	(12,237.86)	771,926.39	672,382.54	572,886.91	636,554.15
City of Poteau	86,132.98	8,690,432.68	(163,678.69)	8,526,753.99	7,888,531.72	7,313,953.12	8,871,628.60
Town of Ratliff City	2,776.17	277,696.67	(2,868.98)	274,827.69	238,487.17	203,365.84	227,759.88
Town of Ringling	2,785.63	280,155.29	(4,390.97)	275,764.32	254,792.69	220,780.77	251,114.92
Town of Roland	27,915.82	2,799,792.14	(36,259.36)	2,763,532.78	2,342,102.02	1,859,845.36	2,085,769.35
City of Sallisaw	230,601.55	23,212,634.97	(384,182.94)	22,828,452.03	20,891,300.05	19,002,457.61	22,356,128.67
City of Sand Springs	2,360.03	172,679.10	60,952.22	233,631.32	-	-	-
Town of Seiling	14,311.92	1,441,735.63	(24,924.26)	1,416,811.37	1,288,725.15	1,168,362.47	1,374,443.03
City of Shawnee	383,611.41	38,855,857.41	(880,160.50)	37,975,696.91	36,552,879.36	35,273,995.44	43,966,175.80
City of Skiatook	38,984.83	3,905,322.55	(46,010.79)	3,859,311.76	3,270,460.76	2,727,179.87	2,904,498.85
City of Spencer Town of Spiro	16,066.15 15,768.17	1,619,435.35	(28,963.64)	1,590,471.71	1,429,066.10 1,422,550.51	1,276,211.45 1,296,613.06	1,492,173.22 1,552,178.99
City of Stilwell	112,481.95	1,589,370.55 11,353,821.57	(28,396.63)	1,560,973.92 11,135,175.86	10,311,305.35	9,647,358.16	11,680,415.93
Town of Stratford	4,624.72	465,704.66	(218,645.71)	457,825.10	414,451.16	367,059.59	441,895.26
City of Stroud	53,993.43	5,450,493.95	(105,402.44)	5,345,091.51	4,857,921.51	4,343,315.99	5,067,710.15
City of Sulphur	71,319.47	7,218,271.78	(157,984.55)	7,060,287.23	6,527,145.38	5,966,406.10	7,072,741.26
Town of Talihina	13,853.28	1,394,090.97	(22,682.20)	1,371,408.77	1,214,590.74	1,038,718.91	1,149,737.08
City of Tecumseh	2,304.34	190,205.43	37,913.10	228,118.53	121,126.75	121,188.81	160,983.01
City of Thomas	12,440.85	1,252,385.86	(20,800.85)	1,231,585.01	1,151,240.76	1,058,020.01	1,257,373.40
Town of Tipton	3,696.68	374,572.44	(8,618.70)	365,953.74	344,059.17	318,835.07	395,245.95
City of Tishomingo	8,721.15	874,052.79	(10,700.37)	863,352.42	775,636.14	657,521.31	726,109.91
City of Tonkawa	35,260.82	3,553,913.52	(63,260.33)	3,490,653.19	3,242,815.67	3,015,707.23	3,610,918.97
Town of Valliant	1,472.20	145,142.09	598.39	145,740.48	104,407.78	67,027.71	50,123.50
Town of Velma	4,167.96	420,231.43	(7,622.81)	412,608.62	380,087.13	350,741.10	423,919.51
Town of Vian	8,385.62	834,214.48	(4,078.29)	830,136.19	658,059.36	520,923.00	543,083.92
City of Vinita	96,932.28	9,807,389.08	(211,556.79)	9,595,832.29	9,036,509.69	8,537,638.10	10,412,933.95
Town of Wakita	2,485.86	251,305.36	(5,217.31)	246,088.05	231,990.12	219,399.64	269,180.61
City of Warr Acres	107,990.94	10,944,724.46	(254,137.18)	10,690,587.28	9,960,414.87	9,207,509.77	11,106,413.75
City of Watonga	56,326.39	5,685,329.87	(109,286.58)	5,576,043.29	5,210,521.64	4,793,731.15	5,740,785.94
Town of Waukomis	7,057.32	709,811.05	(11,170.01)	698,641.04	625,320.54	549,498.93	637,639.61
City of Waurika	14,219.18	1,432,627.10	(24,996.66)	1,407,630.44	1,284,411.62	1,194,894.20	1,440,976.17
City of Weatherford	93,810.53	9,400,372.35	(113,578.13)	9,286,794.22	8,201,049.37	7,281,266.82	8,424,397.04
City of Weatherford RM	1,508.91	151,928.29	(2,553.31)	149,374.98	135,155.59	121,148.56	133,821.14
Town of Webbers Falls	3,000.63	301,412.22	(4,364.23)	297,047.99	264,767.85	233,263.43	272,009.49
Town of Wellston	7,398.40	745,588.60	(13,182.17)	732,406.43	666,539.97	622,861.03	749,108.37
Westville Utility Auth	10,084.37	1,012,819.07	(14,514.82)	998,304.25	880,604.86	754,501.75	858,940.34
City of Wetumka	17,665.64	1,782,843.55	(34,029.45)	1,748,814.10	1,628,386.66	1,536,142.05	1,845,284.52
City of Wilburton	5,420.50	538,337.88	(1,733.90)	536,603.98	414,970.99	304,521.68	304,698.77
City of Yale	19,259.27	1,942,416.31	(35,840.86)	1,906,575.45	1,746,621.47	1,679,565.83	2,007,074.52
City of Yukon	346,789.34	35,018,974.81	(688,486.56)	34,330,488.25	32,064,900.24	29,902,540.60	35,979,483.42
Rounding		(3.34)	1.32	3.43	1.32	(1.52)	(3.19)
Totals	7,746,640.55	\$ 781,360,236.45	\$ (14,479,829.42)	\$ 766,880,412.48	\$ 706,324,440.13	\$ 647,128,290.02	\$ 771,543,429.31
Unit Values				\$98.995223	\$89.571615	\$80.460046	\$94.104549

### Oklahoma Municipal Retirement Fund Defined Benefit Plans as of October, 2024

City	12/31/22 Mkt.Val	12/31/23 Mkt.Val	9/30/24 Mkt.Val	10/31/24 Mkt.Val	Monthly Dollars	Units BOM	Units New	Units EOM
Totals	647,128,291.63	706,324,438.87	781,360,239.86	766,880,409.09	-1,371,329.72	7,760,260.23	-13,619.68	7,746,640.55
Unit Values	80.460046	89.571615	100.687376	98.995223				
Adair	319,445.22	381,330.80	418,224.12	410,955.13	-244.42	4,153.69	-2.43	4,151.26
Altus	21,686,601.57	23,730,415.12	26,366,425.52	25,894,840.38	-28,957.40	261,864.26	-287.59	261,576.67
Alva	5,102,862.98	5,683,080.76	6,300,162.55	6,192,566.29	-1,745.00	62,571.52	-17.33	62,554.19
Antlers	1,592,371.22	1,787,599.19	2,026,143.79	1,995,125.74	3,085.20	20,123.12	30.64	20,153.76
Ardmore	39,361,712.70	43,501,200.63	48,434,345.72	47,569,413.13	-51,815.32	481,036.92	-514.61	480,522.31
Bartlesville	23,498,612.79	25,648,381.98	28,242,210.57	27,692,533.28	-76,321.08	280,494.06	-758.00	279,736.06
Bartlesville HP	545,291.14	574,494.06	627,494.07	615,245.91	-1,731.59	6,232.10	-17.19	6,214.91
Bethany	28,307,303.55	29,894,732.34	32,291,307.78	31,637,088.13	-113,438.07	320,708.60	-1,126.63	319,581.97
Bethany/Warr Acres	2,884,352.37	2,878,969.77	3,042,229.04	2,970,686.50	-20,763.76	30,214.60	-206.22	30,008.38
Billings	260,690.95	291,883.63	328,851.29	326,555.90	3,286.52	3,266.06	32.64	3,298.70
Binger	235,278.09	254,017.98	282,600.74	277,252.56	-609.03	2,806.71	-6.04	2,800.67
Blackwell	5,960,604.71	6,175,118.68	6,697,871.02	6,577,647.44	-7,790.01	66,521.46	-77.37	66,444.09
Blair	697,004.18	774,507.92	864,560.20	849,411.76	-629.21	8,586.58	-6.25	8,580.33
Boise City	1,684,663.37	1,782,663.76	1,941,640.35	1,903,371.44	-5,734.05	19,283.85	-56.95	19,226.90
Bokchito	215,670.54	263,464.22	311,690.49	307,980.73	1,554.64	3,095.63	15.44	3,111.07
Braman	125,489.39	113,186.12	107,974.13	104,269.49	-1,922.33	1,072.37	-19.09	1,053.28
Bristow	3,957,170.89	4,326,663.92	4,790,061.82	4,705,286.48	-4,346.57	47,573.61	-43.17	47,530.44
Broken Bow	7,625,913.45	8,670,710.82	9,748,558.59	9,580,347.22	-4,451.82	96,820.07	-44.22	96,775.85
Buffalo	1,047,033.15	1,115,447.32	1,208,858.43	1,185,738.11	-2,852.16	12,006.06	-28.33	11,977.73
Burns Flat	899,196.08	981,675.37	1,088,460.29	1,068,396.75	-1,801.14	10,810.30	-17.89	10,792.41
Byng			4,481.98	5,108.90	714.24	44.51	7.10	51.61
Calera	1,385,979.42	1,490,739.29	1,701,756.65	1,674,439.15	1,304.16	16,901.39	12.95	16,914.34
Central Okla Master Cons	2,203,894.98	2,469,369.52	2,797,424.00	2,753,361.21	3,001.18	27,783.26	29.81	27,813.07
Chandler	3,784,689.66	4,238,698.99	4,758,266.57	4,673,185.53	-5,200.97	47,257.83	-51.66	47,206.17
Checotah	3,021,276.40	3,396,241.38	3,879,144.80	3,817,886.37	4,001.76	38,526.63	39.74	38,566.37
Cherokee & CDA	490,577.86	555,317.14	657,439.30	643,873.39	-2,560.00	6,529.51	-25.42	6,504.09
Chickasha	17,389,316.53	18,449,383.20	19,788,211.52	19,390,809.22	-65,949.78	196,531.21	-655.00	195,876.21
Chouteau	11,110.78	11,691.18	12,628.99	12,364.40	-53.24	125.43	-0.53	124.90
Claremore	20,371,912.79	22,649,252.22	25,398,711.01	24,989,714.72	18,159.88	252,253.18	180.36	252,433.54
Cleo Springs	126,373.97	120,258.56	123,742.15	121,579.17	-84.79	1,228.97	-0.84	1,228.13
Cleveland	2,777,689.02	3,003,767.42	3,258,826.37	3,178,769.45	-25,721.32	32,365.79	-255.46	32,110.33
Clinton	14,817,761.28	15,911,398.87	17,420,801.11	17,082,212.85	-46,597.23	173,018.72	-462.79	172,555.93
Collinsville	4,056,693.57	4,644,569.08	5,361,476.19	5,289,826.16	18,770.45	53,248.74	186.43	53,435.17
Copan	100,217.62	114,057.12	126,162.63	123,192.27	-864.60	1,253.01	-8.58	1,244.43
Cordell	5,420,707.75	5,723,701.06	6,176,402.42	6,044,898.10	-28,177.19	61,342.37	-279.85	61,062.52
Cushing	21,275,576.00	22,617,740.77	24,588,737.81	24,079,248.03	-97,896.46	244,208.75	-972.29	243,236.46
Davis	2,591,195.40	2,867,063.69	3,234,605.86	3,099,478.24	-82,147.38	32,125.24	-815.87	31,309.37
Del City	20,154,900.50	22,189,758.28	24,726,450.73	24,169,659.09	-143,652.91	245,576.47	-1,426.72	244,149.75
Dewey	2,401,940.52	2,687,756.10	2,998,225.97	2,947,107.64	-742.60	29,777.58	-7.38	29,770.20
Drumright	2,616,885.24	2,815,543.66	3,094,084.60	3,030,683.84	-11,596.43	30,729.62	-115.17	30,614.45
Durant	26,563,304.42	28,922,149.97	31,982,023.81	31,420,571.23	-24,371.98	317,636.88	-242.06	317,394.82
El Reno	6,891,613.31	7,642,891.20	8,608,379.56	8,449,162.98	-14,792.67	85,496.12	-146.92	85,349.20
Eufaula	1,465,189.05	1,630,813.20	1,837,981.89	1,806,102.10	-1,007.58	18,254.34	-10.00	18,244.34
Fort Cobb	253,738.70	268,265.34	292,023.18	285,122.72	-2,026.77	2,900.30	-20.13	2,880.17
Foss Reservoir Public Works	1,030,878.55	1,127,624.96	1,265,362.40	1,244,100.33	3.68	12,567.24	0.04	12,567.28
Frederick	4,896,393.18	5,372,719.49	5,952,212.34	5,857,296.73	5,204.80	59,115.78	51.69	59,167.47
Garber	180,470.06	218,244.22	265,045.84	262,726.90	2,171.92	2,632.36	21.58	2,653.94
Geary	1,899,545.02	2,079,892.28	2,219,989.12	2,091,304.02	-92,937.86	22,048.34	-923.04	21,125.30
Goodwell	308,980.30	334,141.88	374,192.52	367,668.01	-239.86	3,716.38	-2.38	3,714.00
Gore & Gore PWA	1,052,440.11	1,186,209.26	1,347,773.67	1,326,478.55	1,378.74	13,385.73	13.69	13,399.42
Granite	1,817,895.11	1,997,707.28	2,186,274.55	2,141,050.96	-8,626.01	21,713.49	-85.67	21,627.82
Guthrie	7,449,821.30	8,069,350.19	9,022,541.35	8,846,233.87	-25,096.33	89,609.46	-249.25	89,360.21
Guymon	6,155,764.15	6,234,693.67	6,743,414.33	6,604,798.17	-25,718.50	66,973.78	-255.43	66,718.35
Harrah	3,445,846.09	3,875,996.39	4,383,556.37	4,325,770.83	16,156.07	43,536.31	160.45	43,696.76
Healdton	1,817,491.82	2,026,717.41	2,271,742.23	2,244,615.67	11,241.28	22,562.33	111.65	22,673.98
Henryetta	3,891,741.77	4,478,290.74	4,765,704.57	4,693,817.39	8,345.55	47,331.70	82.88	47,414.58
Hooker	1,326,070.60	1,402,820.64	1,523,659.72	1,492,655.23	-5,490.12	15,132.58	-54.53	15,078.05
Hulbert	970,162.63	1,136,031.75	1,324,094.50	1,316,983.38	15,400.44	13,150.55	152.95	13,303.50
Hydro	377,912.14	410,963.93	449,217.00	440,998.56	-680.33	4,461.50	-6.75	4,454.75
Kansas	159,918.58	178,165.13	203,485.56	200,572.58	515.46	2,020.96	5.12	2,026.08
Kiefer	218,568.48	271,791.81	328,133.05	325,582.35	3,014.57	3,258.93	29.94	3,288.87

### Oklahoma Municipal Retirement Fund Defined Benefit Plans as of October, 2024

City	12/31/22 Mkt.Val	12/31/23 Mkt.Val	9/30/24 Mkt.Val	10/31/24 Mkt.Val	Monthly Dollars	Units BOM	Units New	Units EOM
Krebs & Krebs Utility Auth.	685,998.88	817,865.14	960,313.78	945,328.49	1,173.48	9,537.58	11.65	9,549.23
Laverne	1,527,172.27	1,712,343.68	1,953,698.23	1,923,171.53	2,346.61	19,403.61	23.30	19,426.91
Leedey			32,828.98	33,204.42	943.01	326.05	9.36	335.41
Lindsay & LPWA	5,448,828.58	5,928,381.45	6,546,746.84	6,413,376.25	-23,744.96	65,020.53	-235.83	64,784.70
Madill	3,883,191.46	4,330,396.48	4,911,607.16	4,851,358.70	22,677.17	48,780.76	225.23	49,005.99
Mannford	3,918,613.66	4,503,127.17	5,249,756.43	5,172,587.33	11,247.38	52,139.17	111.71	52,250.88
Mannford HP	60,389.40	67,228.10	74,855.28	73,597.26	0.00	743.44	0.00	743.44
Marietta	1,399,422.66	1,580,971.41	1,770,732.70	1,743,610.40	2,681.72	17,586.44	26.64	17,613.08
Marietta PWA	580,199.72	660,052.99	760,528.41	749,724.50	2,011.34	7,553.36	19.98	7,573.34
McLoud	1,065,779.38	1,227,171.49	1,421,499.95	1,402,745.23	5,222.80	14,117.96	51.87	14,169.83
Medford	3,748,158.60	4,056,087.01	4,375,798.80	4,288,877.20	-13,610.62	43,459.26	-135.18	43,324.08
Meeker	814,368.56	916,829.03	1,039,952.78	1,024,029.21	1,580.45	10,328.53	15.70	10,344.23
Miami	12,847,889.50	14,420,820.21	16,229,554.61	15,940,170.49	-16,914.33	161,187.58	-167.99	161,019.59
Mooreland	1,432,333.81	1,530,502.88	1,676,924.02	1,642,392.82	-6,457.33	16,654.76	-64.13	16,590.63
Mountain Park Master CD	1,109,902.77	1,189,001.86	1,319,546.09	1,295,992.11	-1,401.22	13,105.38	-13.92	13,091.46
Muldrow	2,507,928.84	2,754,664.01	3,105,124.60	3,026,612.72	-26,777.15	30,839.26	-265.94	30,573.32
Muskogee	38,223.46	40,471.79			0.00	0.00	0.00	0.00
Mustang	8,880,271.54	9,922,321.40	11,163,959.49	10,969,675.62	-6,776.14	110,877.45	-67.30	110,810.15
Newkirk	1,113,530.09	1,183,001.96	1,296,170.16	1,269,326.02	-5,147.20	12,873.21	-51.12	12,822.09
Nichols Hills	11,677,208.81	12,990,082.88	13,842,733.60	13,621,537.99	11,641.14	137,482.32	115.61	137,597.93
Noble	3,076,088.37	3,456,810.33	3,943,023.74	3,878,827.21	2,105.35	39,161.05	20.91	39,181.96
Norman	121,288.38	149,775.26	137,499.57	132,926.39	-2,301.03	1,365.61	-22.85	1,342.76
Nowata	2,796,324.76	3,129,310.39	3,548,735.18	3,486,458.43	-2,681.74	35,245.09	-26.64	35,218.45
Oilton	497,102.22	536,238.90	604,401.04	594,312.29	70.00	6,002.75	0.69	6,003.44
OkMRF	2,161,268.46	2,578,061.58	2,999,651.29	2,966,364.03	17,417.63	29,791.73	172.99	29,964.72
Okeene	1,250,671.63	1,345,175.13	1,477,535.52	1,436,261.86	-16,723.24	14,674.49	-166.09	14,508.40
Okemah	2,179,967.02	2,427,125.63	2,758,361.96	2,703,204.98	-8,950.34	27,395.31	-88.89	27,306.42
Oklahoma Municipal League	7,778,531.50	8,252,266.78	8,946,988.37	8,767,572.76	-29,549.04	88,859.09	-293.48	88,565.61
Okmulgee	19,036,900.97	20,649,365.37	22,760,290.05	22,328,657.87	-49,962.20	226,049.09	-496.21	225,552.88
Owasso	23,703,872.19	26,837,212.10	30,526,162.83	30,036,911.09	24,177.57	303,177.66	240.12	303,417.78
Pawnee	3,467,514.90	3,813,132.33	4,153,042.43	4,084,822.56	1,603.14	41,246.90	15.92	41,262.82
Perkins	1,470,503.66	1,639,218.96	1,853,300.27	1,822,593.69	447.52	18,406.48	4.45	18,410.93
Perry	5,107,180.15	5,672,806.21	6,326,297.58	6,220,509.51	540.83	62,831.09	5.37	62,836.46
Piedmont	828,005.60	998,945.16	1,190,177.95	1,177,395.86	7,343.46	11,820.53	72.93	11,893.46
Pond Creek	1,639,621.19	1,818,517.72	2,033,674.43	2,001,911.72	2,456.53	20,197.91	24.40	20,222.31
Porum	572,886.90	672,382.53	784,164.24	771,926.38	956.89	7,788.11	9.50	7,797.61
Poteau	7,313,953.13	7,888,531.72	8,690,432.68	8,526,753.99	-17,928.50	86,311.05	-178.07	86,132.98
Ratliff City	203,365.85	238,487.18	277,696.68	274,827.70	1,828.73	2,758.01	18.16	2,776.17
Ringling	220,780.77	254,792.70	280,155.29	275,764.33	322.75	2,782.43	3.20	2,785.63
Roland	1,859,845.36	2,342,102.02	2,799,792.14	2,763,532.77	10,978.47	27,806.78	109.04	27,915.82
Sallisaw	19,002,457.60	20,891,300.04	23,212,634.96	22,828,452.02	6,030.17	230,541.66	59.89	230,601.55
Sand Springs			172,679.10	233,631.32	64,945.74	1,715.00	645.03	2,360.03
Seiling	1,168,362.47	1,288,725.14	1,441,735.63	1,416,811.37	-706.31	14,318.93	-7.01	14,311.92
Shawnee	35,273,995.53	36,552,879.45	38,855,857.52	37,975,697.01	-231,031.31	385,905.95	-2,294.54	383,611.41
Skiatook	2,727,179.86	3,270,460.76	3,905,322.54	3,859,311.76	19,957.51	38,786.62	198.21	38,984.83
Spencer	1,276,211.45	1,429,066.10	1,619,435.34	1,590,471.71	-1,777.26	16,083.80	-17.65	16,066.15
Spiro	1,296,613.06	1,422,550.51	1,589,370.55	1,560,973.92	-1,714.47	15,785.20	-17.03	15,768.17
Stilwell	9,647,358.16	10,311,305.35	11,353,821.57	11,135,175.85	-28,309.04	112,763.11	-281.16	112,481.95
Stratford	367,059.59	414,451.17	465,704.67	457,825.11	-53.83	4,625.25	-0.53	4,624.72
Stroud	4,343,315.98	4,857,921.50	5,450,493.95	5,345,091.51	-14,037.30	54,132.84	-139.41	53,993.43
Sulphur	5,966,406.10	6,527,145.38	7,218,271.78	7,060,287.23	-37,301.09	71,689.94	-370.47	71,319.47
Talihina & TPWA	1,038,718.92	1,214,590.75	1,394,090.97	1,371,408.78	759.68	13,845.74	7.54	13,853.28
Tecumseh	121,188.81	1,214,390.73	190,205.43	228,118.52	41,812.39	1,889.07	415.27	2,304.34
Thomas	1,058,020.02	1,151,240.77	1,252,385.86	1,231,585.02	250.98	1,889.07	2.49	12,440.85
		344,059.17		365,953.74				
Tipton	318,835.08		374,572.44		-2,363.35 4.057.16	3,720.15	-23.47	3,696.68
Tishomingo	657,521.30	775,636.13	874,052.78	863,352.41	4,057.16	8,680.86	40.29	8,721.15
Tonkawa	3,015,707.23	3,242,815.66	3,553,913.52	3,490,653.19	-3,593.62	35,296.52	-35.70	35,260.82
Valliant	67,027.72	104,407.79	145,142.10	145,740.49	3,089.57	1,441.51	30.69	1,472.20
Velma	350,741.10	380,087.13	420,231.43	412,608.61	-569.98	4,173.63	-5.67	4,167.96
Vian	520,923.00	658,059.37	834,214.48	830,136.19	10,111.46	8,285.19	100.43	8,385.62
Vinita	8,537,638.10	9,036,509.69	9,807,389.09	9,595,832.29	-47,532.55	97,404.36	-472.08	96,932.28
Wakita	219,399.64	231,990.12	251,305.37	246,088.05	-1,010.86	2,495.90	-10.04	2,485.86
Warr Acres	9,207,509.78	9,960,414.87	10,944,724.46	10,690,587.28	-71,399.98	108,700.07	-709.13	107,990.94
Watonga	4,793,731.14	5,210,521.63	5,685,329.87	5,576,043.29	-13,973.71	56,465.17	-138.78	56,326.39

### Oklahoma Municipal Retirement Fund Defined Benefit Plans as of October, 2024

City	12/31/22 Mkt.Val	12/31/23 Mkt.Val	9/30/24 Mkt.Val	10/31/24 Mkt.Val	Monthly Dollars	Units BOM	Units New	Units EOM
Waukomis	549,498.94	625,320.56	709,811.07	698,641.06	772.06	7,049.65	7.67	7,057.32
Waurika	1,194,894.19	1,284,411.62	1,432,627.10	1,407,630.44	-935.64	14,228.47	-9.29	14,219.18
Weatherford	7,281,266.81	8,201,049.37	9,400,372.34	9,286,794.22	45,163.64	93,361.98	448.55	93,810.53
Weatherford HP	121,148.55	135,155.59	151,928.28	149,374.97	0.00	1,508.91	0.00	1,508.91
Webbers Falls	233,263.42	264,767.84	301,412.20	297,047.98	713.30	2,993.55	7.08	3,000.63
Wellston	622,861.04	666,539.98	745,588.62	732,406.44	-662.95	7,404.99	-6.59	7,398.40
Westville Utility Authority	754,501.74	880,604.85	1,012,819.07	998,304.24	2,549.47	10,059.05	25.32	10,084.37
Wetumka	1,536,142.04	1,628,386.66	1,782,843.54	1,748,814.10	-4,136.48	17,706.72	-41.08	17,665.64
Wilburton	304,521.69	414,971.00	538,337.89	536,603.99	7,438.42	5,346.63	73.87	5,420.50
Yale	1,679,565.83	1,746,621.48	1,942,416.32	1,906,575.45	-3,251.24	19,291.56	-32.29	19,259.27
Yukon	29.902.540.60	32.064.900.24	35.018.974.80	34.330.488.25	-101.665.93	347.799.06	-1.009.72	346,789,34

# **OKLAHOMA MUNICIPAL RETIREMENT FUND**

# Defined Contribution Plan Statement of Changes in Net Assets For the Month Ended October 31, 2024

Contributions:				
Employer	\$	1,740,528.60		
Employee		816,698.59		
Employee rollovers		76,388.27		
Total contributions				2,633,615.46
Investment income:				
Loan interest payments		70,302.67		
Net appreciation in fair value of investments		(8,179,377.02)		
Total investment income	_	(8,109,074.35)		
Administrative Expense:				
OkMRF administrative expenses		105,880.70		
Participant administrative loan fees		4,200.00		
Participant administrative other fees		11,458.24		
Total administrative expense	_	121,538.94		
		,		
Net investment income			-	(8,230,613.29)
Total additions				(5,596,997.83)
Payment of benefits and member refunds		(2,858,329.07)		
Defaulted loans	_	(20,903.24)		
Total deductions			_	(2,879,232.31)
Increase < Decrease > in net position				(8,476,230.14)
Net assets available for plan benefits:				
Beginning of month			-	454,045,696.11
Net assets available for plan benefits:				
End of month			\$_	445,569,465.97
Ending Balance/Run Date/T957				445,569,465.97

	INTERNATIONAL INVESTMENT EQUITY	AGGRESSIVE EQUITY	REAL ASSETS	GLOBAL EQUITY	ESG US STOCK FUND
Contributions	\$ 46,541.48	62,394.43	2,376.52	70,362.32	13,268.95
Investment income:					
Loan interest payments					
Net appreciation of investments	(378,931.94	(112,878.24)	(17,455.58)	(299,709.48)	(64,709.34)
Total investment income	(378,931.94	(112,878.24)	(17,455.58)	(299,709.48)	(64,709.34)
Administrative expense	(2,578.97	(3,621.51)	(84.08)	(5,143.34)	(313.82)
Net investment income	(381,510.91	(116,499.75)	(17,539.66)	(304,852.82)	(65,023.16)
Payment of benefits/member refunds Defaulted loans	(16,506.29	(57,027.10)	(435.54)	(55,763.01)	(4,550.48)
Net transfers from <to></to>	(146,741.58	(29,639.47)	34,113.51	(646,804.18)	(11,338.70)
Total deductions	(163,247.87	(86,666.57)	33,677.97	(702,567.19)	(15,889.18)
Net increase <decrease> in net position</decrease>	(498,217.30	(140,771.89)	18,514.83	(937,057.69)	(67,643.39)
Net assets available for plan benefits:					
Beginning of month	9,574,123.19	19,101,081.84	718,484.52	13,462,169.93	1,888,344.36
End of month	\$ 9,075,905.89	18,960,309.95	736,999.35	12,525,112.24	1,820,700.97

	GROWTH & VALUE EQUITY	S&P 500 INDEX	TARGET RETIREMENT 2065	TARGET RETIREMENT 2060	TARGET RETIREMENT 2055
Contributions	75,217.40	175,875.73	2,694.18	406,686.25	232,349.18
Investment income:					
Loan interest payments					
Net appreciation of investments	(201,342.83)	(419,560.72)	(7,655.59)	(366,854.47)	(341,654.18)
Total investment income	(201,342.83)	(419,560.72)	(7,655.59)	(366,854.47)	(341,654.18)
Administrative expense	(5,000.24)	(10,453.14)	(63.62)	(11,076.42)	(7,301.67)
Net investment income	(206,343.07)	(430,013.86)	(7,719.21)	(377,930.89)	(348,955.85)
Payment of benefits/member refunds Defaulted loans	(285,871.39)	(416,936.00)	(692.11)	(84,363.63)	(66,909.84)
Net transfers from <to></to>	(19,126.30)	(838,280.36)	-	(57,129.07)	12,496.57
Total deductions	(304,997.69)	(1,255,216.36)	(692.11)	(141,492.70)	(54,413.27)
Net increase < decrease > in net position	(436,123.36)	(1,509,354.49)	(5,717.14)	(112,737.34)	(171,019.94)
Net assets available for plan benefits:					
Beginning of month	29,050,615.46	48,022,488.59	274,624.24	13,032,195.01	12,172,885.84
End of month	28,614,492.10	46,513,134.10	268,907.10	12,919,457.67	12,001,865.90

	TARGET RETIREMENT 2050	TARGET RETIREMENT 2045	TARGET RETIREMENT 2040	TARGET RETIREMENT 2035	TARGET RETIREMENT 2030
Contributions	252,316.12	259,716.80	336,963.92	265,251.36	271,288.21
Investment income:					
Loan interest payments					
Net appreciation of investments	(507,486.34)	(657,983.77)	(778,469.16)	(940,769.24)	(999,461.59)
Total investment income	(507,486.34)	(657,983.77)	(778,469.16)	(940,769.24)	(999,461.59)
Administrative expense	(8,901.75)	(8,834.58)	(8,753.72)	(9,341.02)	(9,626.58)
Net investment income	(516,388.09)	(666,818.35)	(787,222.88)	(950,110.26)	(1,009,088.17)
Payment of benefits/member refunds	(10,015.77)	(313,393.72)	(56,965.62)	(207,384.75)	(367,360.40)
Defaulted loans  Net transfers from <to></to>	(13,277.33)	15,889.04	(35,831.59)	(120,751.28)	616,529.00
Total deductions	(23,293.10)	(297,504.68)	(92,797.21)	(328,136.03)	249,168.60
Net increase <decrease> in net position</decrease>	(287,365.07)	(704,606.23)	(543,056.17)	(1,012,994.93)	(488,631.36)
Net assets available for plan benefits:					
Beginning of month	18,053,576.99	23,515,740.05	27,801,384.39	34,425,287.60	39,689,051.44
End of month	17,766,211.92	22,811,133.82	27,258,328.22	33,412,292.67	39,200,420.08

	TARGET RETIREMENT 2025	TARGET RETIREMENT 2020	TARGET RETIREMENT INCOME	TOTAL YIELD BOND	BOND INDEX
Contributions	196,412.44	62,897.41	21,843.62	19,507.95	58,129.21
Investment income:					
Loan interest payments					
Net appreciation of investments	(956,753.11)	(360,192.36)	(347,337.51)	(174,382.84)	(367,502.58)
Total investment income	(956,753.11)	(360,192.36)	(347,337.51)	(174,382.84)	(367,502.58)
Administrative expense	(8,530.02)	(3,871.06)	(3,342.31)	(1,163.43)	(5,064.91)
Net investment income	(965,283.13)	(364,063.42)	(350,679.82)	(175,546.27)	(372,567.49)
Payment of benefits/member refunds	(382,414.46)	(166,571.79)	(104,749.55)	(16,746.83)	(55,426.88)
Defaulted loans	202 242 25	44 407 00	0.450.40	00.077.00	000 440 54
Net transfers from <to></to>	863,940.25	11,467.60	3,159.42	38,277.06	228,110.51
Total deductions	481,525.79	(155,104.19)	(101,590.13)	21,530.23	172,683.63
Net increase <decrease> in net position</decrease>	(287,344.90)	(456,270.20)	(430,426.33)	(134,508.09)	(141,754.65)
Net assets available for plan benefits:					
Beginning of month	45,121,204.27	19,566,375.34	19,029,829.08	8,137,161.17	14,774,523.61
End of month	44,833,859.37	19,110,105.14	18,599,402.75	8,002,653.08	14,632,768.96

	VOYA FIXED PLUS III	LOAN PORTFOLIO	SELF DIRECTED BROKER	TOTAL	RECLASS ENTRIES
Contributions	92,604.00	-	-	2,924,697.48	(291,082.02)
Investment income:					
Loan interest payments					70,302.67
Net appreciation of investments	88,970.16	70,463.46	11,679.66	(8,129,977.59)	(49,399.43)
Total investment income	88,970.16	70,463.46	11,679.66	(8,129,977.59)	20,903.24
Administrative expense	(8,472.75)	-	-	(121,538.94)	-
Net investment income	80,497.41	70,463.46	11,679.66	(8,251,516.53)	20,903.24
Payment of benefits/member refunds Defaulted loans	(575,306.22)	(20,903.24)	-	(3,266,294.62)	407,965.55 (20,903.24)
Net transfers from <to></to>	120,671.64	91,148.79	-	116,883.53	(116,883.53)
Total deductions	(454,634.58)	70,245.55	-	(3,149,411.09)	270,178.78
Net increase <decrease> in net position</decrease>	(281,533.17)	140,709.01	11,679.66	(8,476,230.14)	(0.00)
Net assets available for plan benefits:					
Beginning of month	47,358,333.69	8,846,678.23	429,537.27	454,045,696.11	-
End of month	47,076,800.52	8,987,387.24	441,216.93	445,569,465.97	(0.00)

	GRAND TOTAL
Contributions	\$ 2,633,615.46
Investment income:	
Loan interest payments	70,302.67
Net appreciation of investments	(8,179,377.02)
Total investment income	 (8,109,074.35)
Administrative expense	(121,538.94)
Net investment income	(8,230,613.29)
Payment of benefits/member refunds	(2,858,329.07)
Defaulted loans	(20,903.24)
Net transfers from <to></to>	-
Total deductions	(2,879,232.31)
Net increase <decrease> in net position</decrease>	(8,476,230.14)
Net assets available for plan benefits:	
Beginning of month	 454,045,696.11
End of month	\$ 445,569,465.97

# OKLAHOMA MUNICIPAL REITREMENT FUND DEFINED CONTRIBUTION October 31, 2024

	INTERNATIONAL	AGGRESSIVE	REAL ASSETS			GROWTH &	S&P 500 INDEX				VOYA FIXED		SELF DIRECTED	
PLAN NAME	INVESTMENT EQUITY	EQUITY	FUND	GLOBAL EQUITY E	SG US STOCK FUND	VALUE EQUITY	FUND	TARGET DATE FUNDS*	TOTAL YIELD BOND I	BOND INDEX FUND	PLUSIII	LOAN FUND	BROKER	GRAND TOTAL
ADA	691,207.43	1,302,926.72	8,442.04	1,685,675.89	156,352.77	2,448,224.26	3,953,761.03	13,837,423.70	699,912.59	1,325,786.05	7,423,920.50	575,390.22	-	34,109,023.20
ADA CMO	67,585.26	84,206.52	-	-	-	-	298,941.68	13,025.88	54,191.25	49,873.24	-	-	-	567,823.83
AFTON	-	-	-	-	-	-	51,317.28	16,893.13	-	-	100,336.53	9,204.84	-	177,751.78
ALTUS	28,699.20	51,463.38	-	38,263.94	-	76,320.12	109,272.45	2,236,203.63	18,407.89	70,939.05	82,378.77	70,455.32	-	2,782,403.75
ALTUS CMO	-	-	-	-	-	-	-	245,826.81	-	-	1,928.55	-	-	247,755.36
ALTUS CMO 2	-	-	-	-	-	51,970.33	-	164,540.20	-	-		-	-	216,510.53
ALVA	52,997.19	91,195.54	-	30,982.71	-	308,717.68	352,245.70	355,522.98	263.56	35,579.50	144,435.20	-	-	1,371,940.06
AMBER	-	-	-	-	-	-	-	4,944.41	-		1,600.26	-	-	6,544.67
ARAPAHO	-	-	_	-	-	-	_	52,991.18	-	_	4,101.22	-	_	57,092.40
ARKOMA	106.50	290.32	-	-	-	931.67	910.34	143,563.55	20.37	18.31	95.59	-	-	145,936.65
ATOKA	-	-	_	-	-	-	_	148,341.05	-	-	-	-	-	148,341.05
BARTLESVILLE	65,565.01	18,664.80	1.602.95	157,747,43	31.551.67	580.391.74	564,289.91	3,336,695.35	14,047.75	58,548.02	65,274.75	179.986.66	-	5,074,366.04
BARTLESVILLE ACM	-	-	-,	-	-	-		248.16		-	-	-	_	248.16
BARTLESVILLE CMO	-	-	_	_	-	-	_	16,821.07	-	-	-	-	-	16,821.07
BETHANY CMO	-		_	12,182.38		-	7,522.13	73,081.69	-	12,848.81	20,459.93		_	126,094.94
BIXBY CMO		_	_	12,102.00	-	_	7,322.13	30,758.50	_	12,040.01	20,433.33	_	-	30,758.50
BLACKWELL		10,348.02	_	_	_	10,026.72	21,085.53	190,781.82	3,261.82	_	47,997.35	_	_	283,501.26
BLACKWELL CMO	_	10,040.02	_	_	_	10,020.72	-	56,639.43	0,201.02	_	-7,007.00	_	_	56,639.43
BROKEN ARROW CMO-SI								158,875.17						158,875.17
BROKEN ARROW DC	982,818.02	3,017,444.00	238,163.41	1,295,650.56	295,232.91	4,291,698.47	7,393,248.83	37,170,019.00	776,227.57	1,452,678.81	4,464,360.66	1,527,612.60	47,976.99	62,953,131.83
CACHE AND CACHE PWA	222.87	301.35	200,100.41	1,200,000.00	200,202.01	426.18	433.57	221,386.88	770,227.07	148.94	3,523.36	1,527,012.00	47,570.55	226,443.15
CADDO AND CADDO PWA	565.01	578.60	-		-	1,081.64	313.21	276,371.85	-	261.87	259.32	25,862.90	-	305,294.40
CALUMET	565.01	376.60	-	-	-	1,001.04	313.21	116,178.01	-	201.07	1,372.01	25,662.90	-	117,550.02
CANEY	-	582.52	-	-	-	-	604.48	43,263.38	-	173.49	128.90	-	-	44,752.77
CARLTON LANDING CMO	•	362.32	-		•	-	004.48	92,730.06	•	173.49	120.90	•		92,730.06
CARLTON LANDING DC	-	-	-	-	-	-	-	13,194.11	-	-	-	3,071.68	-	16,265.79
CARMEN AND CPWA	-	4,947.88	-	-	-	-	-	112,110.60	-	-	23.58	3,071.00	-	117,082.06
CASHION	1.748.14	4,947.88	-	-	-	6.862.42	9.535.58	295,369.66	2.273.03	1.009.16	19.573.80	-	-	341.087.19
CATOOSA CMO	1,748.14	4,/15.40	-	-	-	6,862.42	9,535.58	242,812.04	2,2/3.03	1,009.16	19,573.80	4,924.77	-	247,736.81
CATOOSA COP	-	-	-	-	-	-	-	92.653.03	-	-	-	4,924.77	-	92.653.03
CENTRAL OK MCD CMO	-	-	-	-	82,339.58	329,681.92	386,568.98	445,116.02	-	-	-	-	-	1,243,706.50
CHANDLER CMO		-	-	-		329,001.92	10,040.51	170,225.60	-	-	0.28	-	-	180,266.39
CHATTANOOGA	323.10	-	-	5,465.99	-	-	4,531.60		-	5,508.86	13,046.40	•	-	•
CHELSEA		-	-	·	-	-		60,063.44	-		•	-	-	88,939.39 523,492.74
CHELSEA GAS AUTHORITY	14,634.25	-	-	48,220.86	-	-	45,112.37	197,049.89 120,647.97	-	27,142.75	179,181.13 1,356.79	12,151.49 5,291.66	-	127,296.42
CHICKASHA CMO	-	-	-	-	-	-	-	50,516.01	-	-		5,291.00		50,516.01
	40 400 05	-	-	-	-	-	-			-	-	40.004.40	-	
CHOCTAW CHOCTOW CMO	16,126.65	3,629.90	-	34,020.75	10,719.75	82,793.36	26,978.38	3,485,410.89	3,682.62	28,549.06	69,223.60	12,894.16	-	3,774,029.12
	- 04 500 57		-	-	-	-	-	44,086.47	-	-	-	-	-	44,086.47
CHOUTEAU	24,560.57	114,003.21	-	10,802.98	-	81,153.27	11,028.72	309,694.16	-	2,663.02	148,883.36	21,610.48	-	724,399.77
CLAREMORE CMO 1	-	-	-	-	-	-	-	16,683.36	-	-	-	-	-	16,683.36
CLAREMORE CMO 2	-	-	-	-	-	-	-	26,532.85	-	-	-	-	-	26,532.85
CLEVELAND CMO	-	-	-	-	-	-	-	4,399.25	-	-	-	-	-	4,399.25
CLINTON	19,493.13	114,342.89	5,418.18	164,901.77	27,639.42	168,551.26	348,100.55	1,979,179.12	75,552.56	131,145.47	286,332.71	-	-	3,320,657.06
CLINTON CMO	-	-	-	-	-	-	-	58,692.19	-	-	-	-	-	58,692.19
COALGATE	13,097.81	35,762.24	-	9,274.93	-	91,360.09	55,835.99	507,039.73	22,008.32	24,095.10	51,068.32	4,436.14	-	813,978.67
COLLINSVILLE CMO	-	-	-	-	-	-	-	2,471.15	-	-	-	-	-	2,471.15
COMANCHE CMO	-	-	-	-	-	-	-	91,397.68	-	-	-	-	-	91,397.68
COVINGTON	-	-	-	-	-	-	532.87	161,511.01	-	-	-	-	-	162,043.88
COWETA	108,127.51	80,078.27	787.07	138,800.95	117,633.65	297,084.13	364,866.20	1,328,459.72	-	55,924.69	141,125.80	43,820.11	-	2,676,708.10
COWETA CMO	24,992.19	-	-	144,118.40	-	-	124,342.24	1,094,432.21	-	94,621.06	20,993.36	-	-	1,503,499.46

COWETA CMO SI	-	-	-	-	-	-	-	64,107.40	-	-	-	-	-	64,107.40
CRESCENT	130.84	638.76	-	242.20	-	742.12	762.10	541,591.73	-	195.15	82.94	-	-	544,385.84
CRESCENT CMO	42,477.48	-	-	19,312.32	-	62,750.52	77,593.41		-	20,023.45	-	-	-	222,157.18
CUSTER CITY	-	163,259.21	-	-	-	-	-	72,912.07	-	-	3.24	-	-	236,174.52
DAVIS CMO	-	-	-	-	-	-	-	130,390.41	-	-	-	-	-	130,390.41
DEWAR	-	-	-	-	-	-	-	4,877.14	-	-	-	-	-	4,877.14
DEWEY CMO	-	-	-	-	-	-	-	283,364.28	-	-	-	-	-	283,364.28
DRUMRIGHT	20,663.26	20,256.89	-	-	-	7,028.15	49,914.73	233,891.91	-	457.05	43,182.88	31,094.40	-	406,489.27
DRUMRIGHT CMO	-	-	-	-	-	-	-	5,997.76	-	-	-	-	-	5,997.76
DUNCAN	39,284.51	55,641.17	23,368.55	117,075.87	99.96	98,855.32	169,787.26	2,347,463.63	3,904.22	68,303.72	13,644.04	-	0.07	2,937,428.32
DUNCAN CMO	10,441.40	-	-	24,481.22	-	3,746.51	25,171.72	270,677.03	-	7,429.65	-	-	-	341,947.53
DURANT	43,011.69	311,067.50	46.77	108,694.88	28,512.22	250,041.25	321,985.03	1,162,637.35	16,469.04	242,070.10	658,686.88	65,213.75	-	3,208,436.46
DURANT CMO	-	-	-	-	-	-	-	963,449.69	-	-	-	-	-	963,449.69
EAKLY	-	-	-	-	-	-	-	188,312.97	-	-	-	885.14	-	189,198.11
EAST DUKE AND DMA	-	-	-	-	-	-	-	51,738.29	-	-	21,360.47	-	-	73,098.76
EL RENO CMO	-	-	-	-	-	-	129,534.92	212,471.94	-	14,851.21	101,137.59	46,912.84	-	504,908.50
EL RENO CMO 2	-	-	-	-	-	-	-	22,206.85	-	-	-	-	-	22,206.85
ELDORADO	21,495.90	15,342.17	-	43,614.40	-	42,995.82	31,599.33	11,945.54	-	24,876.86	10,620.26	-	-	202,490.28
ELGIN	-	3,360.25	-	-	-	2,947.85	7,364.67	458,445.16	1,217.03	-	153,553.48	-	-	626,888.44
ERICK	-	-	-	-	-	-	-	136,395.85	-	-	1,445.39	-	-	137,841.24
ERICK CMO	-	-	-	-	-	-	-	14,313.46	-	-	-	-	-	14,313.46
EUFAULA CMO	-	-	-	-	-	12,136.82	12,115.03	62,899.35	-	-	-	-	-	87,151.20
FAIRVIEW	31,918.32	61,983.56	-	8,169.15	-	64,243.91	109,258.11	957,196.38	-	25,399.16	113,359.21	14,521.44	-	1,386,049.24
FAIRVIEW CMO	-	-	-	-	-	849.68	1,286.48	43,901.09	1,094.13	2,151.28	2,130.16	-	-	51,412.82
FLETCHER	-	-	-	-	-	-	-	79,788.93	-	-	2,070.13	-	-	81,859.06
FORT GIBSON	45,771.98	51,038.35	-	57,010.93	-	55,182.20	73,163.51	834,626.61	10,917.05	19,573.69	21,588.45	62,263.22	-	1,231,135.99
FREDERICK CMO	-	-	-	-	-	-	-	299,743.78	-	-	-	-	-	299,743.78
GAGE	-	-	-	-	-	-	-	37,299.15	-	-	1,570.93	-	-	38,870.08
GERONIMO	-	-	-	-	-	-	-	34,308.44	-	-	-	-	-	34,308.44
GLENCOE AND GPWA	-	-	-	-	-	-	-	76,596.17	-	-	19.62	-	-	76,615.79
GLENPOOL	35,391.26	65,801.99	-	12,072.98	1,296.65	105,426.45	89,061.83	1,178,543.83	30,181.03	21,989.31	13,055.81	70,114.59	-	1,622,935.73
GLENPOOL CMO 1	-	60,533.39	-	-	-	69,064.31	-	270,442.40	-	-	-	32,625.61	-	432,665.71
GLENPOOL COP	-	-	-	-	-	-	35,146.49		20,177.51	-	19,922.99	-	-	75,246.99
GOLDSBY	13,576.19	43,677.11	-	-	-	112,746.81	281,741.46	1,216,241.13	-	972.60	123,849.13	49,298.34	-	1,842,102.77
GOLTRY AND GPWA	-	-	-	-	-	-	-	21,105.46	-	-	83,581.08	-	-	104,686.54
GOODWELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUTHRIE CMO	-	-	-	-	-	-	-	361,140.29	-	-	-	-	-	361,140.29
GUTHRIE CMO 2	-	-	-	-	-	-	-	8,797.75	-	-	-	-	-	8,797.75
GUYMON	59,734.55	214,581.06	-	27,397.79	3,126.58	210,508.58	298,763.68	2,695,014.49	39,388.21	273,487.00	316,823.67	56,240.46	-	4,195,066.07
GUYMON CMO	6,302.26	3,570.08	-	26,383.69	-	-	25,487.10		-	9,933.24	-	-	-	71,676.37
GUYMON CMO DH	1,061.74	565.61	-	4,196.98	-	72,588.62	77,215.45	960,523.02	-	1,898.65	170,233.57	19,222.54	-	1,307,506.18
HARRAH	21,249.05	1,765.41	-	-	-	15,531.12	65,389.55	847,115.05	593.11	6,864.21	65,745.37	929.79	-	1,025,182.66
HARRAH CMO	-	-	-	-	-	-	-	50,764.62	-	-	202,483.61	-	-	253,248.23
HARTSHORNE	-	1,000.83	-	-	-	1,610.18	17,566.35	286,268.82	-	-	9,861.34	9,535.08	-	325,842.60
HASKELL	-	6,383.70	-	-	-	-	-	877,733.48	-	-	485.27	27,634.44	-	912,236.89
HEALDTON CMO	-	-	-	-	-	-	-	10,808.51	-	-	-	-	-	10,808.51
HELENA	9,621.89	-	-	-	-	-	84,118.71	191,069.56	-	-	7,727.49	-	-	292,537.65
HENNESSEY	25,714.56	-	-	46,790.52	-	1,072.27	65,928.34	223,722.12	-	37,906.60	10,047.30	21,381.25	-	432,562.96
HENRYETTA CMO	-	-	-	-	-	-	-	19,708.18	-	-	-	-	-	19,708.18
HOBART	56,126.80	108,745.16	-	15,039.21	-	235,926.28	166,196.88	1,101,345.02	-	30,368.98	293,619.88	65,162.71	-	2,072,530.92
HOLLIS	-	-	-	-	-	-	-	456,578.93	15,296.76	13,401.26	24,345.91	14,552.90	-	524,175.76
HOMINY	28,698.70	130,739.33	-	67,016.61	-	145,878.25	157,685.05	702,525.25	7,858.97	145,270.81	207,404.60	51,468.01	-	1,644,545.58
HOMINY CMO	-	-	-	-	-	-	-	3,428.05	-	-	-	-	-	3,428.05
INOLA	-	-	-	-	-	-	-	128,057.00	-	-	13,792.79	4,366.54	-	146,216.33
JAY	35,821.85	38,234.63	-	14,879.23	-	14,855.01	82,694.88	823,313.91	35,463.57	68,317.14	315,688.10	70,222.35	-	1,499,490.67
JENKS	100,732.34	88,546.70	9,147.30	112,031.74	50,956.30	168,256.33	437,956.54	2,504,218.21	12,891.65	27,974.12	437,245.08	89,132.64	-	4,039,088.95

JONES CITY AND JONES PWA	-	-	-	26,556.35	-	-	21,883.33	153,902.69	-	18,060.66	12,189.32	32,835.42	-	265,427.77
KAW CITY	-	-	-	-	-	-	-	56,190.22	-	-	9.75	-	-	56,199.97
KELLYVILLE	-	-	-	-	-	-	-	3,826.47	-	-	-	-	-	3,826.47
KONAWA AND KPWA	-	-	-	-	-	-	-	53,946.96	-	-	601.32	-	-	54,548.28
LAHOMA	2,088.96	8,329.33	-	-	-	6,685.49	6,886.10	146,835.54	4,444.31	-	0.14	-	-	175,269.87
LAWTON	15,575.38	1,590.03	508.52	38,799.92	-	13,362.20	50,530.99	3,286,660.58	-	12,152.42	95,253.03	-	-	3,514,433.07
LEHIGH	-	-	-	-	-	-	-	10,374.62	-	-	-	-	-	10,374.62
LINDSAY & LPWA	2,628.59	944.50	-	4,536.23	-	-	5,877.45	266,450.85	-	1,781.95	7,405.32	19,024.50	-	308,649.39
LINDSAY AND LPWA CMO	-	-	-	-	-	-	-	155,162.89	-	-	-	-	-	155,162.89
LONE GROVE	1,721.48	4,318.26	-	4,760.53	-	11,966.77	36,858.55	376,457.42	23,267.21	3,668.11	135,011.06	6,920.31	-	604,949.70
LONE GROVE CMO	-	-	-	-	-	-	-	112,211.45	-	-	-	13,650.08	-	125,861.53
LUTHER	-	-	-	-	-	-	-	29,464.24	-	-	-	-	-	29,464.24
MANGUM UTILITIES AUTH CMO	-	-	-	-	-	-	45,042.71		-	-	2,715.14	-	-	47,757.85
MANNFORD CMO CM	-	-	-	-	-	-	-	962,779.34	-	-	-	-	-	962,779.34
MANNFORD CMO DH	180.51	-	-	876.76	-	-	644.69	737,129.83	-	747.82	128.94	-	-	739,708.55
MANNFORD CMO SI	-	-	-	-	-	-	-	35,287.71	-	-	-	-	-	35,287.71
MANNSVILLE	-	-	-	-	-	-	-	68,939.03	-	-	1,348.59	35,200.17	-	105,487.79
MANNSVILLE CMO	-	-	-	-	-	-	-	9,692.76	-	-	-	-	-	9,692.76
MARLOW	17,343.07	151,533.20	8,109.50	38,369.24	6,333.98	83,450.92	129,896.72	1,790,597.55	20,171.47	51,158.44	297,257.51	106,273.55	-	2,700,495.15
MARLOW CMO	883.92	-	-	66,696.61	-	36,305.85	151,962.41	93,663.71	-	335.93	2,045.48	-	-	351,893.91
MAYSVILLE	1,917.67	594.85	-	-	-	2,489.50	122.69	74,660.45	-	681.18	231.15	-	-	80,697.49
MAYSVILLE - NEW HIRE	-	-	-	-	-	-	-		-	-	2,148.56	-	-	2,148.56
MCALESTER	26,664.18	27,785.20	-	10,334.31	-	16,100.27	77,601.98	1,558,908.45	22,840.30	15,797.24	52,112.05	-	-	1,808,143.98
MCALESTER CMO		-	-	-	-	-	-	69,270.45	-	-	-	-	-	69,270.45
MCLOUD CMO	-	-	_	-	-	-	-	51,539.70	-	-	-	_	_	51,539.70
MEEKER CMO	-	-	-	-	-	-	-	52,406.66	-	-	19.98	-	-	52,426.64
MIDWEST CITY	943,723.28	2,454,120.61	24.800.06	1,569,424.35	387.246.59	3.127.204.76	5,895,678.67	38,050,216.17	2,534,387.95	1,563,077.32	9,664,509.30	1,110,664.64	_	67,325,053.70
MOORELAND CMO	-	-		-	-	-	-	50,924.51	-	-	-	15,273.36	-	66,197.87
MORRIS AND MORRIS PWA		_	_	-	_	_	_	101,896.10	-	_	_	,		101,896.10
MOUNDS	_	_	_	5,185.20	_	_	5,501.40	55,859.87	_	_	_	8,277.71	_	74,824.18
MSCA	259.38	6,056.15	-	-	_	-	1,321.62	73,777.88	-	-	3,851.67	3,581.29		88,847.99
MULDROW	-	-			_		-	385.90			-	-		385.90
MUSKOGEE	1,014,068.49	1,150,350.25	90,253.91	1,311,840.61	113,297.69	1,886,334.36	1,975,672.65	13,914,043.87	375,886.18	1,653,053.85	3,439,115.82	1,135,736.89	19,692.85	28,079,347.42
MUSKOGEE CMO	-	-	-	-	110,207.00	196,791.28	200,471.70	304,164.85	-	-	-	37,916.79	-	739,344.62
MUSKOGEE REDEVELOPMENT AL			_	_	_	100,701.20	200,471.70	26,030.08	_	_	_	07,010.70		26,030.08
MUSKOGEE TOURISM AUTHORIT	_		_	_	_	_	_	799.83	_	_	2,117.07	_	_	2,916.90
MUSTANG	_	7,310.37	_		5,040.35	_	11,883.27	323,542.72		_	2.05	_	_	347,778.76
MUSTANG CMO	_	7,010.07	_	-	-	_	-	10,096.14	_	_	-	_	-	10,096.14
NEW PRUE	_	_	_	_	_	_		25,495.09	_	_	354.59	_	_	25,849.68
NEWKIRK	10,426.09	22,407.29	_	-	_	9,992.89	122,727.92	468,347.91	26,746.87	19,894.01	17,038.06	7,367.56	-	704,948.60
NEWKIRK CMO	5,087.60	10,281.22	8,671.96			11,751.03	17,866.65	58,126.20	18,581.99	17,626.12	17,000.00	7,307.50		147,992.77
NICOMA PARK	543.97	10,201.22	6,071.90	1,636.12	-	11,751.05	1,479.63	1,139,746.92	10,361.99	638.00	360.96	7,292.33	-	1,151,697.93
NOBLE CMO	343.97	54,147.12	-	1,030.12	•	-	1,479.03	6,230.16	-	038.00	187,860.30	7,292.33	•	248,237.58
OAKLAND	-	54,147.12	-	•	•	-	-	101,662.77	-	-	187,800.30	34,488.11	-	136,150.88
OK MUN ASSURANCE GROUP	85,932.81	85,682.93	-	237,441.53	91,570.01	248,009.90	466,761.18	6,906,004.13	422,575.34	466,052.85	2,016,886.79	28,560.75	46,353.14	11,101,831.36
OK MUN MANAGEMENT SERV	00,932.01	65,662.93	-	237,441.33	91,370.01	246,009.90	400,701.10	172.923.64	422,575.54	400,032.03	2,010,000.79	20,360.73	40,333.14	172,923.64
OK MUN UTILITY ASSOC	-	-	-	-	-	-	-	** * * * * * * * * * * * * * * * * * * *	-	-	130.30	-	-	•
	-	-	-	-	-	-	-	375,663.47	-	-	130.30	-	-	375,793.77
OKEENE CMO	-	-	-	-	-	-	-	11,172.03	-	-	-	-	-	11,172.03
OKEMAH CMO	-	-	-	-	-	- E40.004.00	-	26,311.65	- 	-	-	17.010.07	-	26,311.65
OKMRF CMO PLAN	440.000.00	-	-	405.004.5	7,000,00	540,824.39	-	33,470.74	538,120.23	450 707 47	-	17,816.97	-	1,130,232.33
OKMULGEE	146,203.90	532,614.78	436.91	185,221.15	7,326.26	491,654.09	1,098,304.90	1,594,782.69	51,789.72	153,737.10	209,745.03	93,371.75	-	4,565,188.28
OKMULGEE CMO	14,580.33	19,017.88	-	-	-	-	25,143.99	65,420.61	10,985.93	4,956.59	5,237.46	-	-	145,342.79
OLUSTEE	-	-	-	-	-	-	-	87,471.32	-	-	-	3,186.57	-	90,657.89
OMAG CEO	-	-	-	-	-	-	-	56,133.50	-	-	-	-	-	56,133.50
OML CMO	-	-	-	-	-	-	-	15,248.90	-	-	-	-	-	15,248.90
OMMS	-	-	-	-	-	-	-	40,762.96	-	-	0.05	-	-	40,763.01

OMUSA CMO	-	-	-	-	-	-	-	19,283.88	-	-	-	-	-	19,283.88
OMUSA CMO AGM	-	-	-	-	-	-	-	20,492.22	-	-	-	-	-	20,492.22
OOLOGAH	-	-	-	-	-	-	-	17,638.79	-	-	-	-	-	17,638.79
OWASSO	444,463.84	387,362.54	-	415,948.29	46,403.89	883,827.83	915,485.20	6,285,978.84	55,211.22	529,892.62	227,703.81	300,336.68	-	10,492,614.76
PAULS VALLEY	79,495.00	122,332.11	-	604.06	-	32,013.54	415,399.91	1,139,225.11	46,963.05	197,184.13	81,336.66	93,993.87	-	2,208,547.44
PAULS VALLEY CMO	-	-	-	-	-	-	37,819.76	30,505.94	-	-	172,384.00	-	-	240,709.70
PAWHUSKA	90,179.19	88,677.38	72,224.92	22,052.17	220.48	67,964.15	478,729.25	1,425,249.38	68,517.88	39,804.69	153,255.61	66,575.09	-	2,573,450.19
PAWHUSKA ACM	-	-	-	-	-	-	-	361.44	-	-	-	-	-	361.44
PERKINS CMO	37,153.47	-	-	80,682.42	-	17,810.48	73,298.26		-	23,766.50	-	-	-	232,711.13
PERRY CMO	-	-	-	-	-	-	-	5,121.41	-	-	-	-	-	5,121.41
PIEDMONT	47,114.39	31,595.78	-	20,888.48	-	64,553.34	106,925.48	266,703.82	20,523.76	26,033.21	49,977.95	-	-	634,316.21
PIEDMONT CMO	-	-	-	-	-	86,185.68	87,951.90	28,458.07	-	-	-	-	-	202,595.65
POCOLA	1,273.48	4,740.18	-	-	-	3,368.38	443.81	457,042.17	-	241.64	10,809.98	37,027.65	-	514,947.29
POCOLA P-T	-	-	-	-	-	-	-	8,999.50	-	-	-	-	-	8,999.50
PORUM	37,800.14	34,951.90	-	-	-	8,596.00	633,702.57	64,453.69	20,907.03	12,732.37	67,235.45	56,814.22	-	937,193.37
PRAGUE	25,736.14	28,450.53	81.73	79,097.33	-	32,416.95	86,046.97	619,106.60	-	55,703.82	146,089.19	76,431.90	-	1,149,161.16
PRAGUE CMO	-	-	-	-	-	-	-	147,154.28	-	-	-	18,553.15	-	165,707.43
PRAIRIE POINTE AT STROUD	-	-	-	-	-	-	-	10,639.02	-	-	-	-	-	10,639.02
QUINTON	-	-	-	-	-	-	-	11,476.75	-	-	-	-	-	11,476.75
RINGWOOD	-	-	-	-	-	-	-	108,108.96	-	-	-	-	-	108,108.96
ROFF AND ROFF PWA	-	-	-	-	-	-	-	59,002.28	-	-	-	3,780.00	-	62,782.28
ROLAND	-	591.95	-	1,763.49	-	1,484.69	2,084.86	23,141.36	-	-	-	-	-	29,066.35
SALINA	-	-	-	_	-	_	-	78,582.74	-	-	2,724.62	_	-	81,307.36
SAND SPRINGS	369,244.29	772,678.75	38,792.81	448,427.55	13,892.01	1,011,036.91	1,907,695.52	8,681,212.74	407,355.20	651,692.41	2,112,428.91	425,258.94	-	16,839,716.04
SAND SPRINGS CMO	13,572.42	13,991.80	21,857.36	-	8,672.72	39,496.04	-	46,050.01	25,265.73	12,366.57	481,482.57	23,704.57	-	686,459.79
SAND SPRINGS CMO #2	-	-	-		-	-		184,785.06	-	-	-	20,70 1107		184,785.06
SAPULPA	295,266.93	419.912.27		2.552.98		421,879.52	688.999.59	2,215,947.09	74,497.49	178,380.99	355,298.64	_		4,652,735.50
SAPULPA CMO	200,200.00	410,012.27	_	2,332.30	-	421,075.52	-	240,653.60	74,437.43	170,000.00	555,256.04	_	-	240,653.60
SAPULPA CMO-SI CA	_							52,437.51	_	_	-	_		52,437.51
SAVANNA	_	-	-	-	-	_	_	94,418.93	_	-	3.544.77	_	-	97,963.70
SAYRE	10,357.85	45,105.82	•	•	•	35,473.59	24.695.92	722,589.93	5,760.62	15,735.16	585,693.34	-	•	1,445,412.23
SAYRE CMO	10,557.05	43,103.02	_	_		-	24,033.32	722,303.33	3,700.02	-	453,879.55	_	-	453,879.55
SEILING	7,201.25	10,397.52		4,388.46		575.35	17,136.33	107,083.17	_	2,057.19	7,159.64			155,998.91
SEILING CMO	1,067.66	10,397.32	-	4,366.40	4,903.55	7,161.70	43,796.14	70,050.72	-	10,809.40	7,139.04	-	-	137,789.17
SEMINOLE	53,503.20	266,640.61	•	125,585.16	1,331.97	52,739.57	760,195.50	2,289,350.04	-	110,210.10	539,059.66	191,104.18	•	4,389,719.99
SEMINOLE CMO	55,505.20	200,040.01	-	33,214.53	1,331.97	52,739.57	489,224.10	81,463.17	304,233.40	60,942.39	122,341.98	3,339.39	-	1,234,906.75
SHAWNEE	159,889.55	640,972.55	-	2,644.31	140,147.79	546,048.08	614,277.25	1,891,017.30	28,120.76	121,671.45	140,253.31	110,691.09	-	4,255,585.65
SHAWNEE CMO DH	47,565.07	267,493.95	-	67,403.97	-	292,521.41	490,224.68	1,090,853.34	20,120.76	112,120.65	37,777.04	43,344.79	-	2,449,304.90
			-	67,403.97	-					112,120.65		43,344.79	-	119,892.31
SHAWNEE CMO SI SHAWNEE NEW HIRE	8,405.04 7,663.78	10,905.60 602.37	-	46,176.08	17,358.83	24,703.58 116,913.85	25,126.73 143,510.06	50,697.18	3,410.81	32,194.26	54.18 96,066.55	108,962.96	-	2,533,479.07
			-		17,358.83			1,960,619.52					-	
SKIATOOK	67,208.82	183,131.67	-	5,965.41	-	277,081.75	418,902.98	1,244,855.95	7,645.06	155,524.69	661,751.14	64,555.99	-	3,086,623.46
SKIATOOK CMO	- 0.040.50	-	-	- 7.700.07	-	-	- 7.070.04	195,361.63	-	- 0.050.00	-	4,543.53	-	199,905.16
SLAUGHTERVILLE	3,343.52	1,047.19	-	7,726.07	-	-	7,379.94	169,359.24	-	2,052.08	101,238.90	-	-	292,146.94
SNYDER	-	-	-	-	-	-	-	202,418.74	-	-	7,107.85	2,153.11	-	211,679.70
SPAVINAW								5,440.97			1,826.90			7,267.87
STILLWATER	1,723,620.24	4,063,611.51	95,433.96	2,375,565.20	152,099.44	6,042,505.04	8,431,697.46	28,177,728.57	739,224.93	3,157,935.83	5,216,934.41	899,036.14	327,193.88	61,402,586.61
STILLWATER CMO	-	-	-	94,857.54	-	-	60,913.79	313,006.36	-	101,075.89	76,925.41	-	-	646,778.99
STRINGTOWN	5,197.94	8,782.97	-	-	-	29,122.51	-	5,791.26	-	-	7,707.93	-	-	56,602.61
STROUD	30,853.34	68,186.11	14,824.02	56,597.61	538.25	62,289.44	161,552.87	658,559.49	21,923.51	25,726.51	52,299.19	41,450.57	-	1,194,800.91
STROUD CMO	-	-	-	-	-	-	-	145,587.29	-	-	-	-	-	145,587.29
SULPHUR CMO	-	-	-	-	-	-	-	188,204.03	-	-	-	-	-	188,204.03
TECUMSEH	21,295.69	1,968.70	-	-	-	487,284.11	57,184.96	1,216,191.04	55,388.72	84,497.34	437,265.25	88,413.33	-	2,449,489.14
TECUMSEH CMO	-	-	-	-	-	-	-	285,949.54	-	-	-	-	-	285,949.54
TEXHOMA AND PWA	768.24	672.40	-	103,574.67	-	2,055.90	89,899.18	563,327.03	443.61	70,620.23	34,488.12	33,331.64	-	899,181.02
THACKERVILLE	-	-	11,571.36	-	-	-	16,916.58	75,352.94	-	794.07	4,672.85	-	-	109,307.80
THE VILLAGE	-	-	-	-	-	-	-	42,543.21	-	-	-	-	-	42,543.21

Process															
Toking	TISHOMINGO	507.81	9,278.58	-	-	-	-	26,047.96	365.50	-	-	39,351.08	-	-	75,550.93
Michael	TISHOMINGO CMO	-	-	-	34,530.64	-	-	22,776.32	42,081.91	-	26,125.27	16,428.66	-	-	141,942.80
MAILTENBOOK NEMIE    1.00	TONKAWA CMO	-	-	-	-	-	-	-	106,884.50	-	-	-	-	-	106,884.50
MALEY RISONOM 1948   1948	TYRONE AND TPWA	-	-	-	-	-	-	-		-	-	92.16	-	-	92.16
VALICPROON NEWTHE    VERTICAL   1.00   1.0	UNION CITY	-	-	-	-	-	-	-	123,117.10	-	-	7,464.75	-	-	130,581.85
VERDIGNS 53.288.54 M9.538.35 M9.528 1.84.96 1.702.00 5 0.378.85 M1.175.82 173.85.25 5 5.85.25 5 5.85.25 5 5.87.371.100 M4.1FER 2.585.25 8.90.92 1.84.96 1.702.00 5 10.38.86 1.105.00 74.108.17 5 72.532.46 2.02.43 20.92.17 1.246.394.28 1.04.92.100 1	VALLEY BROOK	24,789.35	195,895.29	-	-	-	205,962.17	207,681.93	187,054.41	-	-	876.21	5,986.50	-	828,245.86
Mariers	VALLEY BROOK NEW HIRE	-	-	-	-	-	-	-	72,230.31	-	-	26,915.73	-	-	99,146.04
MARTHER	VERDEN	-	-	-	-	-	-	-	33,995.44	-	-	5,852.36	9,000.00	-	48,847.80
MARIACRES   72,902.66   89,896.96   98,8	VERDIGRIS	53,238.54	49,539.30	-	-	-	50,876.87	41,175.82	173,856.25	-	5,685.02	-	-	-	374,371.80
MARIACRES 72,902.6 98,986.0 - 26,267.5 126.5 58,248.1 440,450.1 70,450.2 19,045.0 19	WALTERS	2,585.25	850.92	1,684.96	1,702.00	-	161,185.86	241,500.06	741,068.17	-	72,532.46	2,692.43	20,592.17	-	1,246,394.28
MATIONA CAMO	WARNER	256.10	-	-	807.36	-	-	806.21	191,764.82	-	23.78	705.10	31,000.41	-	225,363.78
MAINICA	WARR ACRES	72,902.56	89,696.08	-	26,262.75	1,205.75	58,248.17	440,450.18	730,582.77	46,182.39	119,927.77	272,647.75	89,979.73	-	1,948,085.90
MAYNOKA	WATONGA CMO	-	-	-	-	-	-	-	10,463.68	-	-	-		-	10,463.68
MAYNOKA	WAURIKA CMO	-	-	-	-	-	-	-	2,232.92	-	-	-	-	-	2,232.92
MANNOKA MENIAL HEALTH AUT	WAYNOKA	6,439.79	10,313.52	-	-	-	24,050.29	10,242.04	662,987.20	-	-	121.59	43,890.48	-	758,044.91
WEATHERFORD         163,813.48         41,006.61         52,810.21         323,476.07         17,649.95         58,769.83         366,189.35         3,839,883.59         119,619.55         11,916.15         -         -         6,281,188.59           WEBBERSFALLS         -         -         -         -         -         -         47,936.09         -         245,251.09           WELETKA         10.73         1,518.65         -         -         -         304,470.32         -         -         -         -         15,226.18           WESTVILLE         -         314.92         -         -         -         -         -         304,470.32         -         -         -         -         33,138.76           WOODWARD         30,122.54         96,438.57         -	WAYNOKA CMO	-	-	-	-	-	-	-	32,538.64	-	-	-	-	-	32,538.64
WEATHERFORD         163,813.48         41,006.61         52,810.21         323,476.07         17,649.95         58,769.83         366,189.35         3,839,883.59         119,619.55         11,916.15         -         -         6,281,188.59           WEBBERSFALLS         -         -         -         -         -         -         47,936.09         -         245,251.09           WELETKA         10.73         1,518.65         -         -         -         304,470.32         -         -         -         -         15,226.18           WESTVILLE         -         314.92         -         -         -         -         -         304,470.32         -         -         -         -         33,138.76           WOODWARD         30,122.54         96,438.57         -	WAYNOKA MENTAL HEALTH AUTI	-	-	-	-	-	-	-	43,562.12	-	-	-	-	-	43,562.12
WEBERS FALLS         - <t< td=""><td>WEATHERFORD</td><td>163,813.48</td><td>41,006.61</td><td>52,810.21</td><td>323,476.07</td><td>17,649.95</td><td>58,769.83</td><td>366,189.35</td><td></td><td>106,125.95</td><td>119,849.40</td><td>1,191,614.15</td><td>-</td><td>-</td><td></td></t<>	WEATHERFORD	163,813.48	41,006.61	52,810.21	323,476.07	17,649.95	58,769.83	366,189.35		106,125.95	119,849.40	1,191,614.15	-	-	
MEISTICAM SPRINGS AIN   10.73   15.18 6   1.5	WEBBERS FALLS	-	-	-	-	-	-	-	197,314.19	-	-	-	47,936.90	-	245,251.09
MESTINLAM SPRINGS AND WESTINLE	WELEETKA	10.73	1,518.65	-	-	-	212.33	88.35		-	3.90	11,474.39	-	-	
WOODWARD         30,122.54         96,438.57         -         232.55         -         52,577.22         192,689.65         2,866,570.52         11,259.80         4,541.77         13,351.60         -         -         3,267,784.28           WOODWARD CMO         - </td <td>WEST SILOAM SPRINGS AND WS!</td> <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>28,668.44</td> <td>-</td> <td></td>	WEST SILOAM SPRINGS AND WS!			-	-	-	-			-			28,668.44	-	
WOODWARD CMO	WESTVILLE	-	314.92	-	-	-	431.33	-	430.61	-	87.33	1,844.67	-	-	3,108.86
YUKON CMO         9,075,205         71,354,96         7,960,89         160,186,99         2         89,885.32         290,238.74         4,861,054.48         38,93.05         67,575,98         127,554.99         0         0         5,794,478.57           Grand Total         9,075,905.89         18,960,309.95         736,999.55         12,525,112.24         1,820,700.97         28,614,492.10         46,513,134.10         248,181,984.64         8,002,653.08         14,632,768.96         47,076,800.52         8,987,387.24         441,216.33         445,569,465.97           **TARGET DATE 2006         1         2         2         268,907.10         12,919,457.67 <td>WOODWARD</td> <td>30,122.54</td> <td>96,438.57</td> <td>-</td> <td>232.55</td> <td>-</td> <td>52,577.22</td> <td>192,689.65</td> <td>2,866,570.52</td> <td>11,259.80</td> <td>4,541.77</td> <td>13,351.66</td> <td>-</td> <td>-</td> <td>3,267,784.28</td>	WOODWARD	30,122.54	96,438.57	-	232.55	-	52,577.22	192,689.65	2,866,570.52	11,259.80	4,541.77	13,351.66	-	-	3,267,784.28
VUKON DC NEW HIRE         80,073.24         71,354.96         7,960.89         160,186.92         -         89,885.32         290,238.74         4,861,054.48         38,593.05         67,575.98         127,554.99         -         -         5,794,478.57           France To Date Funds         30,075,905.89         18,960,309.95         736,999.35         12,525,112.24         1,820,700.97         28,614,492.10         46,513,134.10         248,181,984.64         8,002,653.08         14,632,768.96         47,076,800.52         8,987,387.24         441,216.93         485,569,465.97           **TARGET DATE FUNDS           TARGET DATE 2065         -	WOODWARD CMO	-	-	-	-	-	-	-	150,470.49	-	-	-	-	-	150,470.49
Canad Total   9,075,905.89   18,960,309.95   736,999.35   12,525,112.24   1,820,700.97   28,614,492.10   46,513,134.10   248,181,984.64   8,002,653.08   14,632,768.96   47,076,800.52   8,987,387.24   441,216.93   445,569,465.97	YUKON CMO	-	-	-	-	-	-	-	1,491.35	-	-	-	-	-	1,491.35
*TARGET DATE FUNDS TARGET DATE 2065	YUKON DC NEW HIRE	80,073.24	71,354.96	7,960.89	160,186.92	-	89,885.32	290,238.74	4,861,054.48	38,593.05	67,575.98	127,554.99	-	-	5,794,478.57
TARGET DATE 2065       268,907.10         TARGET DATE 2060       12,919,457.67         TARGET DATE 2055       12,001,865.90         TARGET DATE 2050       17,766,211.92         TARGET DATE 2045       22,811,133.82         TARGET DATE 2040       27,258,328.22         TARGET DATE 2035       33,412,292.67         TARGET DATE 2030       39,200,420.08         TARGET DATE 2025       44,833,859.37         TARGET DATE 2020       19,110,105.14         TARGET DATE RETIREMENT       18,599,402.75	Grand Total	9,075,905.89	18,960,309.95	736,999.35	12,525,112.24	1,820,700.97	28,614,492.10	46,513,134.10	248,181,984.64	8,002,653.08	14,632,768.96	47,076,800.52	8,987,387.24	441,216.93	445,569,465.97
TARGET DATE 2065       268,907.10         TARGET DATE 2060       12,919,457.67         TARGET DATE 2055       12,001,865.90         TARGET DATE 2050       17,766,211.92         TARGET DATE 2045       22,811,133.82         TARGET DATE 2040       27,258,328.22         TARGET DATE 2035       33,412,292.67         TARGET DATE 2030       39,200,420.08         TARGET DATE 2025       44,833,859.37         TARGET DATE 2020       19,110,105.14         TARGET DATE RETIREMENT       18,599,402.75															
TARGET DATE 2065       268,907.10         TARGET DATE 2060       12,919,457.67         TARGET DATE 2055       12,001,865.90         TARGET DATE 2050       17,766,211.92         TARGET DATE 2045       22,811,133.82         TARGET DATE 2040       27,258,328.22         TARGET DATE 2035       33,412,292.67         TARGET DATE 2030       39,200,420.08         TARGET DATE 2025       44,833,859.37         TARGET DATE 2020       19,110,105.14         TARGET DATE RETIREMENT       18,599,402.75	*TARGET DATE FUNDS														
TARGET DATE 2060       12,919,457.67         TARGET DATE 2055       12,001,865.90         TARGET DATE 2050       17,766,211.92         TARGET DATE 2045       22,811,133.82         TARGET DATE 2040       27,258,328.22         TARGET DATE 2035       33,412,292.67         TARGET DATE 2030       39,200,420.08         TARGET DATE 2025       44,833,859.37         TARGET DATE 2020       19,110,105.14         TARGET DATE RETIREMENT       18,599,402.75									268.907.10						
TARGET DATE 2055       12,001,865.90         TARGET DATE 2050       17,766,211.92         TARGET DATE 2045       22,811,133.82         TARGET DATE 2040       27,258,328.22         TARGET DATE 2035       33,412,292.67         TARGET DATE 2030       39,200,420.08         TARGET DATE 2025       44,833,859.37         TARGET DATE 2020       19,110,105.14         TARGET DATE RETIREMENT       18,599,402.75															
TARGET DATE 2050       17,766,211.92         TARGET DATE 2045       22,811,133.82         TARGET DATE 2040       27,258,328.22         TARGET DATE 2035       33,412,292.67         TARGET DATE 2030       39,200,420.08         TARGET DATE 2025       44,833,859.37         TARGET DATE 2020       19,110,105.14         TARGET DATE RETIREMENT       18,599,402.75															
TARGET DATE 2045       22,811,133.82         TARGET DATE 2040       27,258,328.22         TARGET DATE 2035       33,412,292.67         TARGET DATE 2030       39,200,420.08         TARGET DATE 2025       44,833,859.37         TARGET DATE 2020       19,110,105.14         TARGET DATE RETIREMENT       18,599,402.75															
TARGET DATE 2040       27,258,328.22         TARGET DATE 2035       33,412,292.67         TARGET DATE 2030       39,200,420.08         TARGET DATE 2025       44,833,859.37         TARGET DATE 2020       19,110,105.14         TARGET DATE RETIREMENT       18,599,402.75															
TARGET DATE 2035       33,412,292.67         TARGET DATE 2030       39,200,420.08         TARGET DATE 2025       44,833,859.37         TARGET DATE 2020       19,110,105.14         TARGET DATE RETIREMENT       18,599,402.75															
TARGET DATE 2030       39,200,420.08         TARGET DATE 2025       44,833,859.37         TARGET DATE 2020       19,110,105.14         TARGET DATE RETIREMENT       18,599,402.75															
TARGET DATE 2025       44,833,859.37         TARGET DATE 2020       19,110,105.14         TARGET DATE RETIREMENT       18,599,402.75															
TARGET DATE 2020       19,110,105.14         TARGET DATE RETIREMENT       18,599,402.75															
TARGET DATE RETIREMENT18,599,402.75															
								•	248,181,984.64						

 $9,075,905.89 \quad 18,960,309.95 \quad 736,999.35 \quad 12,525,112.24 \quad 1,820,700.97 \quad 28,614,492.10 \quad 46,513,134.10 \quad 248,181,984.64 \quad 8,002,653.08 \quad 14,632,768.96 \quad 47,076,800.52 \quad 8,987,387.24 \quad 441,216.93 \quad 445,569,465.97 \quad 445,669,465.97 \quad 445,669,4$ 

Validation

## OKLAHOMA MUNICIPAL RETIREMENT FUND Monthly Budget Activity Nov-24

	CURRENT I	монтн	ACTUAL YEA	R-TO-DATE	Y-T-D BUDGETED	PROJECTED
	TRANSFERRED	PAID	TRANSFERRED	PAID	AMOUNT	F-Y BUDGET
Actuary & Recordkeeping	50,810.99	50,810.99	249,950.81	249,950.81	265,275.00	636,660.00
Administration	130,309.01	130,309.01	623,925.22	623,925.22	687,083.33	1,649,000.00
Attorney	6,021.00	6,021.00	41,771.00	41,771.00	30,416.67	73,000.00
Audit	5,458.34	18,500.00	27,291.67	18,500.00	27,291.67	65,500.00
Board Travel	1,965.17	1,965.17	22,269.46	22,269.46	30,416.67	73,000.00
<b>Employer Directed Expense</b>	640.00	640.00	13,920.00	13,920.00	9,583.33	23,000.00
Insurance	16,890.45	0.00	84,452.30	46,185.56	85,708.33	205,700.00
Investment Advisors	35,927.12	0.00	176,072.82	190,283.32	185,334.00	444,801.61
Custodial	10,310.57	10,310.57	46,147.51	46,147.51	53,333.33	128,000.00
Investment Consultant	14,069.20	0.00	70,346.00	42,207.60	70,346.00	168,830.39
Public Relations	3,146.02	3,146.02	9,266.85	9,266.85	15,416.67	37,000.00
Representative Travel	7,098.13	7,098.13	36,827.78	36,827.78	27,708.33	66,500.00
EXPENSES BEFORE CREDITS	282,646.00	228,800.89	1,402,241.42	1,341,255.11	1,487,913.33	3,570,992.00
Less: Credits	(6,748.62)	(6,748.62)	(43,003.50)	(43,003.50)	(42,916.67)	(103,000.00)
TOTAL EXPENSES	275,897.38	222,052.27	1,359,237.92	1,298,251.61	1,444,996.66	3,467,992.00

## OKLAHOMA MUNICIPAL RETIREMENT FUND Income Transfers for Monthly & Prepaid Expenses Paid in November 2024 based on October 31, 2024 Asset Values

ASSET ACCOUNT	ADMIN EXPENSES	CUSTODIAL CHARGES	INVESTMENT CHARGES	TOTAL INVESTMENT EXP	TOTAL EXPENSES
DB SMID EQUITY	\$6,747.14	\$537.24	\$0.00	537.24	\$7,284.38
441 5196 DB ST STR S&P 500 FLAGSHIP FUND	\$39,585.53	\$2,380.89	\$0.00	2,380.89	\$41,966.42
447 1541 DB RIVER ROAD ASSETS	\$6,648.73	\$1,234.84	\$29,396.32	30,631.16	\$37,279.89
447 1539 DB PRIVATE EQUITY	\$1,862.28	\$518.95	\$6,530.80	7,049.75	\$8,912.03
441 8588 DB LONG/SHORT EQUITY FUND	\$61.24	\$253.36	\$0.00	253.36	\$314.60
447 1543 DB INTERNATIONAL EQUITY	\$34,489.49	\$2,330.98	\$0.00	2,330.98	\$36,820.47
447 1542 DB FIXED INCOME	\$25,483.16	\$1,832.99	\$0.00	1,832.99	\$27,316.15
447 1555 DB REAL ESTATE	\$13,234.89	\$1,060.25	\$0.00	1,060.25	\$14,295.14
447 1557 DB MISCELLANEOUS	\$656.73	\$161.07	\$0.00	161.07	\$817.80
447 1558 DC VOYA	\$100,890.50	\$0.00	\$0.00	0.00	\$100,890.50
Various	<u>·                                      </u>				
TOTAL TRANSFERS	\$229,659.69	\$10,310.57	\$35,927.12	\$46,237.69	\$275,897.38

## OKLAHOMA MUNICIPAL RETIREMENT FUND

## Administrative/Expense Accounts Reconciliations as of October 31, 2024

CHECKING ACCOUNT
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CHECKING ACCOUNT	
Balance as of September 30, 2024	\$5.00
Deposits:	
DB Fees Transferred From Adminstrative Account	\$184,568.42
DC Fees Transferred From Administrative Account	\$86,142.02
Payment of Fees and Expenses:	
Transfer (In)/Out of Prepaid Expenses	\$77,555.27
Administrative, Custodial and Investment fees paid in current month	(\$348,265.71)
Balance as of October 31, 2024	\$5.00
ADMINISTRATIVE RESERVE ACCOUNT	
Administrative Activity	
Beginning Balance	\$215,719.07
Professional fees paid directly to Trust	\$0.00
Transfer from DB Deposit Account:	
Professional Fees Reimbursement	\$4,620.00
Interest	\$6,108.62
Transfer from Invesment Accounts	
Administrative Expenses	\$130,265.67
Investment Expenses	\$43,178.87
Accrued Interest Earned in Admin. Account	\$4,038.04
Class Actions - TimesSquare/Intech - various companies	\$6,892.79
OMAG MPP reimbursement	\$1,477.84
Transfers to Checking Account for 2024 Office Construction & Equipment	\$0.00
Transfers to Checking Account for Expenses	(\$184,568.42)
Ending Balance	\$227,732.48
Prepaid Expenses	
Beginning Balance	\$155,096.60
Transfer In/(Out) of Prepaid Expenses	(\$77,555.27)
Ending Balance	\$77,541.33
Reserve Account	
Beginning Balance	\$628,570.29
Sigma Asset from JPMorgan Sec Lending (cost \$193,054.54) Commission Recapture	\$0.00 \$323.62
OMAG MPP reimbursement	\$795.76
JPMorgan DC Uncashed checks	\$0.00
DC Administrative Expense/Errors	
DC Fees Collected (VOYA)	\$106,635.60
DC Recordkeeping Expenses (VOYA) DC Fees Transferred to Checking Account for Expenses	(\$32,498.59) (\$86,142.02)
DC Class Action Proceeds from JPM	\$0.00
Ending Balance	\$617,684.66
Balance as of October 31, 2024	\$922,958.47
RESERVE FUNDING ANALYSIS:	

Reserve Funding Available	\$617,684.66
Sigma Asset from JPMorgan Sec Lending	(\$165.53)
Insurance Deductible Funding	(\$250,000.00)
DC Administrative Expense/Errors	\$14,620.38
JPMorgan DC Uncashed checks	(\$7,107.40)
Office Construction and Equipment up to \$25,000	(\$19,234.77)
Net Surplus as of October 31, 2024	\$355,797.34

# Register Report - Current Month 11/1/2024 through 11/30/2024

11/18/2024

Page 1

/2024 Date	Description	Memo	Amount
BALANCE 10	0/31/2024		5.00
11/2/2024	Dean Actuaries, LLC	DB Annual Studies	-15,158.00
	, -	DB Misc	-425.00
		Retainer	-1,317.00
		Server	-955.00
		ER Directed	-640.00
11/2/2024	DAVID DAVIS	Retainer	-2,000.00
11/2/2024	McAFEE & TAFT	Atty Fees:Monthly Retainer	-2,000.00
, _, _ 0		DC Doc	-2,021.00
11/2/2024	OK Police Pension & Reirement S	Sys December 2024 Rent/Pkg/Maint	-8,819.47
11/2/2024	Tammy Johnson	Bd Mtg Trvl Exp	-65.30
11/2/2024	Robert Johnston	Bd Mtg Trvl Exp	-125.60
11/2/2024	Robert Park	Bd Mtg Trvl Exp	-224.76
11/2/2024	Nobell I alk	Tr Addtl Trvl	-237.26
		Trustee Tr	-237.20 -276.78
44/0/0004	Hollis Tinker		
11/2/2024		Bd Mtg Trvl Exp	-159.12
11/2/2024	DONNA DOOLEN	Bd Mtg TrvI Exp	-126.94
11/2/2024	Shaun Barnett	Bd Mtg TrvI Exp	-196.62
11/2/2024	Melissa Reames	Bd Mtg Trvl Exp	-90.76
		Trustee Addtl Trvl	-296.09
11/2/2024	Timothy Rooney	Bd Mtg Trvl Exp	-34.48
11/2/2024	JIM LUCKETT Jr	Bd Mtg Trvl Exp	-45.20
		Trustee Addtl Trvl	-45.20
11/2/2024	JODI COX	Rep Trvl-Mileage	-69.68
		Rep Trvl-Conf	-52.50
11/2/2024	CHRIS WHATLEY	Expense Reimbursement	-808.02
11/2/2024	Kevin Darrow	Rep Trvl-Mileage	-916.56
		Rep Trvl-Exp	-14.25
11/2/2024	Gloria Cudjoe	Rep Trvl-Mileage	-88.44
		Bd Mtg	-41.06
11/2/2024	Regina Story	Expense Reimbursement OPFTEC & P2F2	-329.24
11/2/2024	KARI BASER	Expense Reimbursement P2F2	-118.68
11/2/2024	OMRF Payroll Acct	Prefund payrolls less Health/Vision/Dental premiums	-93,759.80
11/2/2024	OPEH&W Health Plans	Health, Dental & Vision premiums November 2024	-10,240.20
11/2/2024	CHASE CARD SERVICES	Supplies	-627.71
, _, _ o		Bd Mtg	-80.85
		Rep TrvI/Conf	-3,356.56
		Rep TrvI/Exp	-714.20
		Public Relation	-1,248.69
		Phone/Internet	-1,657.60
		Off Sp/Equip	-305.90
11/0/0004	COV BUSINESS SERVICES	Postage	-948.04
11/2/2024	COX BUSINESS SERVICES	Serv due 11/16/24phones, internet & usage	-2,788.13
11/2/2024	The Northern Trust Company	Custodial Serv Sept 2024 Inv #973167133072	-10,310.57
11/2/2024	Finley & Cook	Progressive Billing 23-24 Audit	-18,500.00
11/2/2024	Jim Felder Photography	Headhots for Staff & Trustees	-1,300.00
11/2/2024	NCPERS	2025 Annual Dues	-630.00
11/2/2024	OMAG	2024 OML Conf Shirts & giveaways	-597.33
11/2/2024	Simon Pro Audio	Conference Room Smart Board System	-9,498.61
11/2/2024	3Nines Technologies, Inc	Serv Agmt 11-2024	-1,582.70

# Register Report - Current Month 11/1/2024 through 11/30/2024

2

11/18/	2024		, .,===	g	Page
1 17 107	Date		Description	Memo	Amount
	11/2/2024	Deposit	De	eposit	195,844.90
	11/1/2024	- 11/30/2024			0.00
	BALANCE 1	1/30/2024			5.00



# Focused Growth International Equity Presentation

# 22 November 2024

OK Municipal Retirement Fund - A Client of the WCM FIG LP

Jon Tringale, Portfolio Manager

Daniel Wiechert, Client Portfolio Manager

# About WCM Investment Management

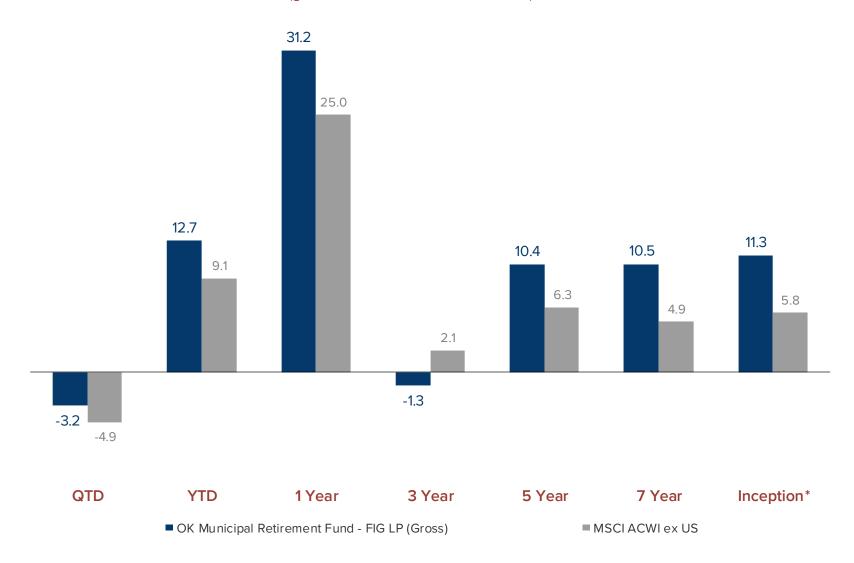
## The Short Version...

as of 30 September 2024

- An independent asset management firm
- Located in Laguna Beach, California
- \$95.5 billion of assets under management
- 98 staff members, 55 of whom are owners

# Performance – OK Municipal Retirement Fund - FIG LP

ANNUALIZED RETURNS vs. MSCI ACWI ex US (gross of fees; as of 31 October 2024)

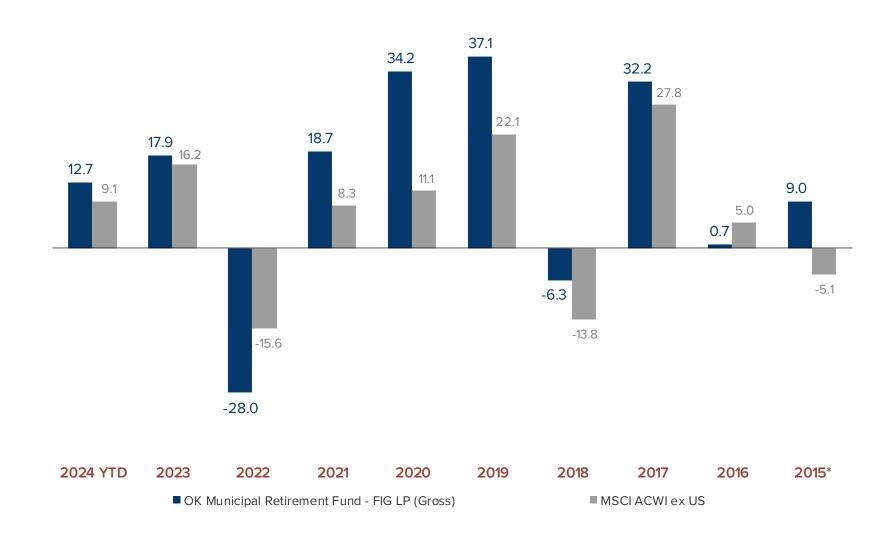


Source: WCM, MSCI. Past performance is not indicative of future results. USD values.

<sup>\*</sup>Inception for performance: 30 Jan 2015. 10.5% annualized, net-of-fees return since inception.

# Performance – OK Municipal Retirement Fund - FIG LP

PERIOD RETURNS vs. MSCI ACWI ex US (gross of fees; as of 31 October 2024)



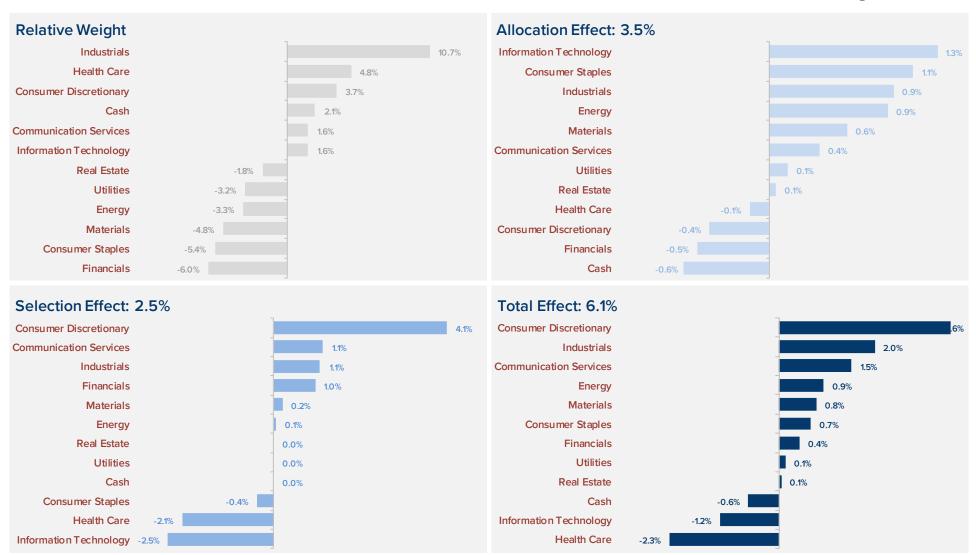
 $\textbf{Source:} \ \textbf{WCM,} \ \textbf{MSCI.} \ \textbf{Past performance} \ \textbf{is not indicative of future results.} \ \textbf{USD values.}$ 

<sup>\*</sup>Indicates partial-year returns. Inception for performance: 30 Jan 2015.

# Performance Attribution - OK Municipal Retirement Fund - FIG LP

# By GICS Sector

31 Oct 2023 through 31 Oct 2024

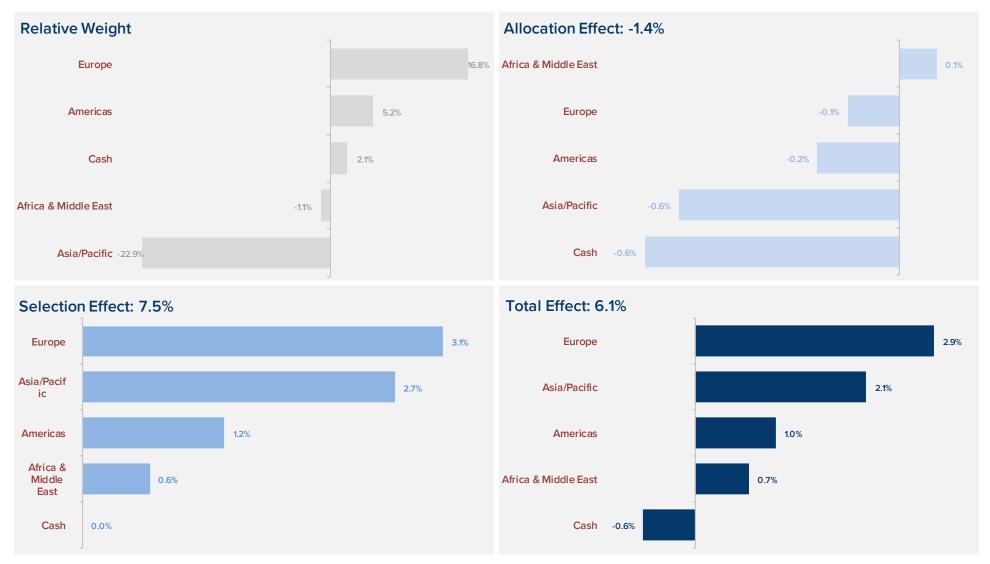


Source: WCM, MSCI, FactSet. Attribution is holdings based and may differ slightly from account performance. Past performance is not indicative of future results.

# Performance Attribution - OK Municipal Retirement Fund - FIG LP

# GeoRev Super Region Exposure (% by domicile)

31 Oct 2023 through 31 Oct 2024



Source: WCM, MSCI, FactSet. Attribution is holdings based and may differ slightly from account performance. Past performance is not indicative of future results.

# Top / Bottom Performers - OK Municipal Retirement Fund - FIG LP

# **Top/Bottom 5 Contributors**

31 Oct 2023 through 31 Oct 2024

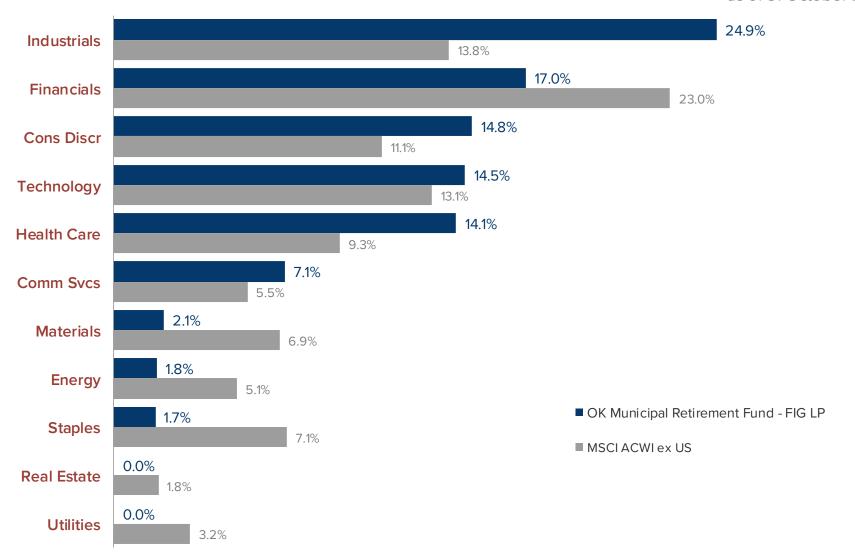
	Port. Ending Weight (%)	Total Return (%)	Contribution to Return (%)
Top 5: Contributors	16.69	57.41	10.08
Adyen NV	2.54	127.88	3.21
Ferrari NV	4.21	59.23	2.38
MercadoLibre, Inc.	2.34	64.19	1.97
Novo Nordisk A/S Class B	5.39	17.13	1.28
ASM International N.V.	2.21	36.00	1.25
Bottom 5: Detractors	10.51	-8.53	-0.38
Meituan Class B	3.49	6.01	-0.22
Rolls-Royce Holdings plc	2.87	-1.50	-0.08
L'Oreal S.A.	1.72	-9.39	-0.05
Atlassian Corp Class A	1.83	4.37	-0.03
Siemens Energy AG	0.60	1.99	-0.00

Source: WCM, MSCI, FactSet. Attribution is holdings based and may differ slightly from account performance. Past performance is not indicative of future results.

# Sector Diversification - OK Municipal Retirement Fund - FIG LP

# **GICS Sector Exposure**

as of 31 October 2024



Source: WCM, FactSet, MSCI.

# Characteristics – OK Municipal Retirement Fund - FIG LP

# Valuation and Market Cap

as of 31 October 2024

	OK Municipal Retirement Fund - FIG LP	MSCI ACWI ex US
ROIC %	15.4	11.1
Return on Equity %	21.3	16.7
Dividend Yield %	0.9	2.9
Wt. Avg. Market Cap (\$bil)	145.3	109.6
Median Market Cap (\$bil)	58.5	10.3
P/E (trailing)	31.2	16.0
P/E (forward)	26.3	14.2
Net Debt/EBITDA	-0.2	1.9
5-Year EPS Growth (trailing) %	20.5	12.5

**Source:** WCM Focused Growth International (FGI) Strategy representative portfolio, FactSet, MSCI. Specific account holdings may vary due to size or other restrictions.

# Top 10 Holdings – OK Municipal Retirement Fund - FIG LP

By Position Size

as of 31 October 2024

Weight (%)
5.40
4.94
4.22
3.94
3.93
3.48
3.45
3.16
3.10
2.97

38.58

Source: WCM. The securities identified and described do not represent all of the securities purchased, sold or recommended for client accounts. The reader should not assume that an investment in the securities identified was or will be profitable.

# Portfolio Activity - OK Municipal Retirement Fund - FIG LP

# Complete Purchases and Sales

as of 30 September 2024

Q4 2023	Q1 2024	Q2 2024	Q3 2024
New Buys	New Buys	New Buys	New Buys
L'Oreal UBS Group AG Canadian Natural Resources Limited Safran SA	Coupang, Inc. monday.com Ltd. Nu Holdings Ltd.	Taiwan Semiconductor Mfg., Ltd. Spotify Technology SA 3i Group plc Sea Ltd.	Mitsubishi Heavy Industries, Ltd. Meituan Dianping Rolls-Royce Holdings plc
Complete Sells	Complete Sells	Complete Sells	Complete Sells
Mettler-Toledo International Inc. DSV Panalpina A/S Sika AG Lonza Group AG	Nestlé SA Atlas Copco AB	Keyence Corporation Advantest Corp. Accenture plc Evolution AB	LVMH Moët Hennessy Louis Vuitton Thomson Reuters Corporation

Source: WCM. The securities identified and described do not represent all of the securities purchased, sold or recommended for client accounts. The reader should not assume that an investment in the securities identified was or will be profitable.

# Portfolio Holdings - OK Municipal Retirement Fund - FIG LP

# By Company Name

as of 31 October 2024

Security Name	Shares	Price	Market	Cost	Wgt %	G\L	Sector
Cash	113,814,232	\$1.00	\$113,814,232	\$113,814,232	1.94%	_	Cash & Cash Equivalents
3i Group plc	3,946,266	\$31.72	\$161,475,177	\$154,582,776	2.75%	\$6,892,401	Financials
Adyen NV	97,652	\$1,406	\$149,475,155	\$109,308,660	2.54%	\$40,166,496	Financials
Aon plc	348,812	\$366.87	\$127,968,658	\$71,848,961	2.18%	\$56,119,698	Financials
Arch Capital Group Ltd.	1,739,260	\$98.56	\$171,421,466	\$124,777,897	2.92%	\$46,643,569	Financials
ASM International N.V.	216,781	\$512.20	\$120,848,093	\$71,380,440	2.06%	\$49,467,653	Info. Technology
ASML Holding NV	199,085	\$672.55	\$133,894,617	\$42,006,194	2.28%	\$91,888,423	Info. Technology
AstraZeneca plc	1,423,662	\$110.42	\$202,787,356	\$186,870,446	3.45%	\$15,916,910	Health Care
Atlassian Corp. Plc Class A	569,144	\$188.54	\$107,306,410	\$98,415,952	1.83%	\$8,890,458	Info. Technology
BAE Systems plc	9,300,094	\$12.50	\$149,962,816	\$113,715,066	2.55%	\$36,247,750	Industrials
Canadian Natural Resources Limited	3,065,207	\$47.35	\$104,168,199	\$101,413,499	1.77%	\$2,754,699	Energy
Canadian Pacific Railway	2,212,463	\$77.16	\$170,713,645	\$78,258,090	2.90%	\$92,455,555	Industrials
Compass Group plc	3,645,721	\$25.15	\$118,279,003	\$102,420,339	2.01%	\$15,858,664	Cons. Discretionary
Coupang, Inc. Class A	6,321,023	\$25.79	\$163,019,183	\$120,271,959	2.77%	\$42,747,224	Cons. Discretionary
EPAM Systems, Inc.	285,754	\$188.65	\$53,907,492	\$120,165,142	0.92%	(\$66,257,650)	Info. Technology
Experian plc	2,916,717	\$37.77	\$142,110,941	\$62,272,637	2.42%	\$79,838,304	Industrials
Ferguson Plc	595,884	\$153.20	\$117,762,421	\$91,716,712	2.00%	\$26,045,709	Industrials
Ferrari NV	518,072	\$439.80	\$247,984,399	\$84,643,269	4.22%	\$163,341,130	Cons. Discretionary
ICICI Bank Limited	4,460,998	\$30.41	\$135,658,949	\$100,551,041	2.31%	\$35,107,908	Financials
ICON plc	821,622	\$222.11	\$182,490,462	\$155,986,291	3.10%	\$26,504,172	Health Care
L'Oreal S.A.	270,563	\$344.25	\$101,372,783	\$114,364,385	1.72%	(\$12,991,602)	Consumer Staples
Linde plc	266,155	\$456.15	\$121,406,603	\$89,099,286	2.06%	\$32,307,317	Materials
Meituan Dianping	8,718,700	\$182.50	\$204,706,448	\$214,725,284	3.48%	(\$10,018,836)	Cons. Discretionary
MercadoLibre Inc.	67,320	\$2,037	\$137,142,958	\$89,494,999	2.33%	\$47,647,959	Cons. Discretionary
Mitsubishi Heavy Industries, Ltd.	12,097,800	\$2,193	\$174,508,159	\$143,142,945	2.97%	\$31,365,214	Industrials
monday.com Ltd.	501,024	\$293.87	\$147,235,923	\$110,710,580	2.50%	\$36,525,343	Info. Technology
Novo Nordisk A/S Class B	2,849,217	\$763.10	\$317,286,503	\$174,927,024	5.40%	\$142,359,480	Health Care
Nu Holdings Ltd. Class A	9,226,739	\$15.09	\$139,231,492	\$92,598,146	2.37%	\$46,633,346	Financials
Rolls-Royce Holdings plc	24,499,484	\$5.35	\$169,208,253	\$174,483,856	2.88%	(\$5,275,604)	Industrials
Safran SA	1,023,360	\$207.80	\$231,447,767	\$187,658,809	3.94%	\$43,788,958	Industrials
Schneider Electric SE	519,207	\$237.20	\$134,039,944	\$73,972,151	2.28%	\$60,067,793	Industrials
Siemens Energy AG	1,296,536	\$37.53	\$52,959,290	\$52,386,794	0.90%	\$572,497	Industrials
Spotify Technology SA	482,090	\$385.10	\$185,652,859	\$152,122,194	3.16%	\$33,530,665	Comm. Services
STERIS plc	581,814	\$221.85	\$129,075,436	\$94,851,131	2.20%	\$34,224,305	Health Care
Taiwan Semiconductor Mfg., Ltd.	1,524,568	\$190.54	\$290,491,187	\$222,858,016	4.94%	\$67,633,171	Info. Technology
UBS Group AG	3,766,049	\$26.54	\$115,737,541	\$105,242,694	1.97%	\$10,494,847	Financials
Waste Connections, Inc.	688,311	\$176.75	\$121,658,969	\$98,989,580	2.07%	\$22,669,390	Industrials

**Source:** WCM. The securities identified and described do not represent all of the securities purchased, sold or recommended for client accounts. The reader should not assume that an investment in the securities identified was or will be profitable.

**Disclosure**: Portfolio Holdings represent the holdings for the entire FIG LP.

#### Sanjay Ayer, Portfolio Manager

Sanjay joined WCM in 2007; his primary responsibilities are portfolio management and equity research for our global, fundamental growth strategies. Since he began his investment career in 2002, Sanjay's experience includes positions as Equity Analyst at Morningstar, Inc. (Chicago), and at J. & W. Seligman & Co. (New York). Sanjay graduated Phi Beta Kappa from Johns Hopkins University (Maryland) with a B.A. in Economics, and a B.S. in Applied Mathematics.

## Paul Black, Portfolio Manager, CEO

Paul joined WCM in 1989; his primary responsibility is portfolio management for our global, fundamental growth strategies. Since the start of his investment career in 1983, Paul's experience includes positions as Portfolio Manager with Wells Fargo Private Banking Group, and at Bank of America. Paul earned his B.S. in Finance from California State University, San Diego.

## Mike Trigg, Portfolio Manager, President

Mike joined WCM in 2006; his primary responsibilities are portfolio management and equity research for our global, fundamental growth strategies. Since he began his investment career in 2000, Mike's experience includes positions as Equity Analyst at Morningstar, Inc. (Chicago) where he produced the Model Growth Portfolio (a live portfolio and newsletter), and as Analyst at the Motley Fool, the online investment service. He earned his B.S. (with honors) in Finance from Saint Louis University (Missouri).

## Jon Tringale, Portfolio Manager

Jon joined WCM in 2015; his primary responsibility is portfolio management for our global, fundamental growth strategies. Since he began his investment career in 2008, Jon's experience includes positions as an Analyst, on the trading floor with Wedbush Securities, and as Vice President at Gerson Lehrman Group. Jon earned his B.S. (cum laude) in Finance from San Jose State University (California).

#### Mike Tian, Business Analyst

Mike joined WCM in 2012; his primary responsibilities are portfolio management and equity research for our global, fundamental growth strategies. Since the start of his investment career in 2006, Mike's experience includes a position as Senior Equity Analyst / Equity Strategist at Morningstar, Inc. (Chicago), where he produced the *Morningstar Opportunistic Investor* (a live portfolio and newsletter), and was instrumental in the development of Morningstar's economic moat trend methodology. He earned his B.S. in Finance from the University of Illinois at Urbana-Champaign.

#### Greg Ise, Business Analyst

Greg joined WCM in 2014; his primary responsibilities are portfolio management and equity research for our global, fundamental growth strategies. Since the start of his investment career in 2001, Greg's experience includes positions as Senior International Research Analyst at Rainier Investment Management (Seattle), as Vice President / Analyst at Allianz Global Investors (San Diego), as Research Analyst at San Francisco-based hedge fund Osmium Partners, and as Investment Banking Analyst at UBS in New York. Greg earned a B.S. (with honors) in Business Administration from the University of Kansas, and an M.B.A. from the University of California, Berkeley.

## Tamara Manoukian, Business Analyst

Tamara joined WCM in 2017; her primary responsibilities are portfolio management and equity research for our global, fundamental growth strategies. Since the start of her investment career in 2005, Tamara's experience includes positions as Associate Portfolio Manager / Equity Research Analyst at Thornburg Investment Management in Santa Fe, NM, and as Investment Analyst at Boston-based hedge fund Greenwood Investments. Tamara earned a B.S. (cum laude) in Business Administration (Finance concentration) from Boston University School of Management (Massachusetts).

## Jung Ryu, Business Analyst

Jung joined WCM in 2018; his primary responsibility is equity research for our global, fundamental growth strategies. Since the start of his investment career in 2005, Jung's experience includes positions as Research Analyst with OrbiMed Advisors (New York), and as an associate on the health care team at J.P. Morgan Investment Banking. Jung earned his B.A. in Economics from Dickinson College (Pennsylvania).

## Michael Hayward, Business Analyst

Michael joined WCM in 2020; his primary responsibilities are portfolio management and equity research for our global, fundamental growth strategies. Since the start of his investment career in 2009, Michael's experience includes positions as Portfolio Manager / Equity Research Analyst at Investec Asset Management (London), as Equity Research Analyst at RMB Asset Management (Johannesburg), and as Actuarial Consultant at Deloitte. He earned a BSc in Statistics, and a BSc in Actuarial Science (with honors), from the University of the Witwatersrand (Johannesburg).

#### Dave Heng, Business Analyst

Dave joined WCM in 2022; his primary responsibility is equity research for our global, fundamental growth strategies. Since the start of his investment career in 2016, Dave's experience includes position as Senior Investment Analyst at Somerset Capital Management (Singapore), and as Investment Analyst at SeaTown Holdings (Singapore). He graduated with honors from Nanyang Technological University (Singapore), earning a B.S. in Accountancy.

## Ross Bendetson, Business Analyst

Ross joined WCM in 2022; his primary responsibility is equity research for our global, fundamental growth strategies. Since the start of his investment career in 2018, Ross' experience includes a position as Equity Analyst on Blackrock's US Growth Team, where he focused on small/midcap growth investing. Ross graduated Phi Beta Kappa from Tufts University (Massachusetts) with a B.A. in Economics.

## Alan Tu, Business Analyst

Alan joined WCM in 2024; his primary responsibilities are portfolio management for our private growth strategy and equity research for our global, fundamental growth strategies. Since he began his investment career in 2010, Alan's experience includes Investment Analyst at Ananda Capital (San Francisco) and Portfolio Manager and Private Equity Investor at T. Rowe Price (Baltimore and San Francisco). He earned his B.S. in Business Administration and B.A. in Psychology from the University of California, Berkeley and his M.B.A. from the University of Chicago.

#### Mohan Ru, Business Analyst

Mohan joined WCM in 2024; his primary responsibility is equity research for our global, fundamental growth strategies. Since the start of his investment career in 2019, Mohan's experience includes a position as an Equity Analyst at Paradice Investment Management's emerging market strategy in San Francisco. He began his career in 2013 as an Investment Banking Analyst at Morgan Stanley in Hong Kong. Mohan earned a B.A. with General Honors in Mathematics and Economics from The University of Chicago, where he also obtained an M.B.A.

#### Jason Barlow, Business Analyst\*

WCM engaged Jason as a consultant in 2021 to assist in generating equity research for our global, fundamental growth strategies. Since the start of his investment career in 2011, Jason's experience includes position as Senior Investment Analyst at M&G, and as Investment Analyst at Bessemer Trust. He graduated with honors from The University of Nottingham, earning a B.S. in Economics.

#### Miles Bredenoord, Chief of Staff

Miles joined WCM in 2019; his primary responsibilities are driving execution, solving problems, and leading data-centric projects for the global, fundamental growth research team and strategies. Since the start of his investment career in 2011, Miles' investment industry experience includes a position as Portfolio Strategist at OppenheimerFunds, and a position as Research Associate at Jefferies Group, LLC in New York. Earlier, he held multiple positions with FactSet in Sydney, Australia and San Mateo, California. Miles graduated from University of California, Berkeley with a B.A. in Economics.

## William "J.B." Horner, Business Culture Analyst

William joined WCM in 2014; his primary responsibility is generating culture research and refining WCM's culture research framework. Since the start of his investment career in 2014, William's experience includes positions as Trading Associate, Portfolio Associate, and Research Associate at WCM Investment Management, before his promotion to Business Culture Analyst in 2016. William earned his B.B.A. in Economics from the University of San Diego (California) and his M.A. in Clinical Psychology from Columbia University (New York).

#### Adit Agarwal, Business Analyst

Adit joined WCM in 2024; his primary responsibility is equity research for our global, fundamental growth strategies. Prior to joining WCM full-time, Adit interned with WCM's Global Growth Team for three years starting in 2021. Adit graduated summa cum laude from the University of Chicago with a B.A. in Economics and received the Gary Becker Scholarship.

#### Chris Beaven, Business Analyst\*

WCM engaged Chris as a consultant in 2024 to assist in generating equity research for our global, fundamental growth strategies. Since the start of his investment career in 2013, Chris's experience includes positions as Investment Analyst at Hosking Partners LLP, Vice President / Equity Research Analyst at Wellington Management, and Business Analyst at Goldman Sachs. He earned his LLB (with honors) in Law with French Law from University College London.

#### Bernadette Doerr, Business Culture Analyst

Bernadette joined WCM in 2022; her primary responsibility is generating culture research and refining WCM's culture research framework. Since the start of her corporate analysis career in 2000, Bernadette's experience includes strategy consultant at The Monitor Group, senior payments industry consultant at Edgar Dunn & Co., chief of staff (macroeconomist Paul Romer), research & analytics lead with Medallia, and corporate culture diagnostician at Valley View Advisory. She earned her B.S. in Business Administration and M.S. in Foreign Service from Georgetown University (Washington, D.C), and her M.B.A. from Haas.

## Elaine Tyler, Business Culture Analyst\*

WCM engaged Elaine as a consultant in 2022 to assist in generating culture research and refining WCM's culture research framework. Since the start of her investment career in 2018, Elaine's experience includes positions as Behavioral Consultant at Stamford Associates and Investigative Analyst at Brown Advisory. Elaine earned her BSc in Psychology from the University of Manchester and her MSc in Organizational Psychology from Alliance Manchester Business School. Elaine achieved Chartered Occupational Psychologist status with the British Psychological Society in 2022.

#### Daniel Lee, Business Culture Analyst\*

WCM engaged Daniel as a consultant in 2022 to assist in generating culture research and refining WCM's culture research framework. Since the start of his investment career in 2017, Daniel's experience includes creating OMD Ventures, a media enterprise exploring the intersection of cultures, systems and investing in human capital, and as an Equity Analyst in the International, Emerging Market and Global Small Cap strategies at Mawer Investment Management. He earned his Masters of Accounting and Bachelors of Accounting and Financial Management from the University of Waterloo.

#### Ryan Quinn, Client Portfolio Manager

Ryan joined WCM in 2019; his primary responsibility is communicating the firm's investment thinking while servicing investment consultants and institutional clients. Since he began his investment career in 1997, Ryan's experience includes positions on the NYSE-floor with Merrill Lynch, Bear Stearns, and Deutsche Bank, as investment consultant at Monticello Associates (Denver) and Canterbury Consulting (Newport Beach), and as CPM with Alternative Investment Management (New York). Ryan earned his B.A. in History from Colgate University (New York), and his M.B.A. / M.S.F. from the University of Denver (Colorado) – Daniels College of Business.

#### Brian Huerta, Client Portfolio Manager

Brian joined WCM in 2020; his primary responsibility is communicating the firm's investment thinking while servicing investment consultants and institutional clients. Since he began his investment career in 1997, Brian worked as Managing Director for Bank of America Merrill Lynch, overseeing the firm's institutional relationships for the Western region. Brian earned his B.S. in Business Administration from the University of Southern California.

#### Daniel Wiechert, Client Portfolio Manager

Daniel joined WCM in 2017; his primary responsibility is communicating the firm's investment thinking while servicing investment consultants and institutional clients. Since he began his career in 2011, Daniel's experience includes a role as Client Portfolio Associate at WCM, Portfolio Associate at WCM, a position as Cash Management Associate at TD Ameritrade, and Marketing & Licensing Assistant at ABKCO Music & Records. Daniel earned his B.A. in Social Sciences from the University of Southern California and his M.A. in Music Business from New York University.

11/22/2024 Agenda Item: 7. A (1)



# Oklahoma Municipal Retirement Fund Defined Benefit Plan

**Monthly ASAP Report** 

October 31, 2024



2018 2019 2020 2021 2022 **2023** 

We are proud to announce that ACG has again been named a Greenwich Associates

Quality Leader - recognized as one of the top consultants in the industry.

Methodology and Disclosure: Between February and November 2023, Coalition Greenwich conducted interviews with 708 individuals from 575 of the largest tax-exempt funds in the United States. These U.S.-based institutional investors are corporate, public, union, and endowment and foundation funds with either pension or investment pool assets greater than \$150 million. Study participants were asked to provide quantitative and qualitative evaluations of their asset management and investment consulting providers, including qualitative assessments of those firms soliciting their business and detailed information on important market trends. ACG is one of three firms recognized in the mid-size investment consultant category. The ratings may not be representative of any one client's experience with ACG; rather they are representative of those clients that chose to participate in the survey. The results are not indicative of ACG's future performance. ACG does not pay to have its clients participate in the study.



Market Snapshot October 31, 2024

#### **Economic Overview**

- US GDP grew at a 2.8% annualized rate in the 3rd quarter, slightly behind estimates and last quarter's pace of 3% but still a healthy figure overall
- September's jobs report beat expectations and unemployment fell to 4.1%, while inflation disappointed with core CPI rising from 3.2% to 3.3%
- Treasury yields rose sharply across the curve as markets adjusted expectations for future rate cuts following growth and inflation data

#### **Market Returns**

- Bonds declined as shifting policy expectations sent rates higher
- US Dollar strength added to non-US equity underperformance



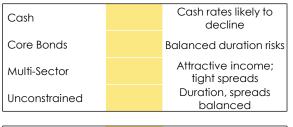
## Fixed Income and Equity Valuation Metrics



#### Asset Class Valuations - Rebalancing Rationale

- Equities discounting a soft landing and continued easing monetary policy
- Upside for duration limited with additional Fed cuts already discounted by markets
- Cash yields set to fall as fed continues easing

Asset Class	Current Valuation	Rationale
US Large Cap		Expensive valuations
US Small Cap		Balanced upside/downside risks
Int'l Developed		Fair valuations, mixed growth across regions
Emerging Mkt		Balanced upside/downside risks







## Recent Articles (click on links below)

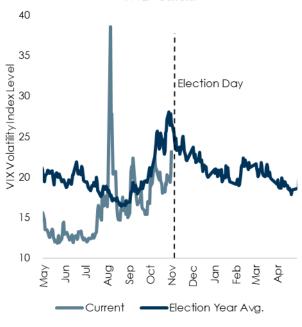
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- Fiscal Policy Impact of 2024 Election (April)

#### **Key Risk Factors We Are Watching**

- Stronger inflation and labor market data
- Rising headwinds for consumers (higher rates, student loan repayments, depleted savings...)
- Potential Fed policy error
- Headwinds to corporate earnings
- Rising geopolitical tensions
- Weaker than expected China recovery

#### Market Volatility Rises During Election Seasons

#### Equity Volatility in Presidential Election Years 1992 - Current



Source: Bloomberg (as of 10/31/2024)



Return Statistics (10 Years Annualized)										
	Total Portfolio	Policy Index								
Return (%)	7.48	6.99								
Standard Deviation (%)	9.91	10.15								
Sharpe Ratio	0.59	0.53								
Benchmark	Relative Statistics									
Beta		0.97								
Up Capture (%)		98.00								
Down Capture (%)		93.75								

Asset Class	Market Value (\$000s)	Actual Allocation (%)	Target Allocation (%)	Over/ Under (%)
Total Portfolio	768,302	100.00	100.00	(,,)
Equity	529,729	68.95	65.00	3.95
US Equity	314,139	40.89	35.00	5.89
US Large Cap Equity	234,689	30.55	25.00	5.55
US Small/Mid Cap Equity	79,451	10.34	10.00	0.34
Non US Equity	204,547	26.62	25.00	1.62
Int'l Developed Markets Equity	166,694	21.70	20.00	1.70
Emerging Markets Equity	37,853	4.93	5.00	-0.07
Global Long/Short Equity	343	0.04	0.00	0.04
Private Equity	10,700	1.39	5.00	-3.61
Fixed Income	151,233	19.68	20.00	-0.32
Real Assets	77,233	10.05	15.00	-4.95
Cash and Equivalents	10,107	1.32	0.00	1.32

		Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYTD (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	7 Years (%)	10 Years (%)
OMRF Total Portfolio		1,213,494									
Total Portfolio (04/91) Net of All Fees *		768,302	100.00	-1.54 -1.59	3.30 3.07	10.44 9.80	21.70 20.86	2.80 2.10	7.95 7.24	7.47 6.77	7.48 6.77
	Policy Index <sup>1</sup>			-1.96	3.27	10.09	21.74	2.77	7.45	6.95	6.99
Equity (10/10) Net of All Fees *		529,729	68.95	-1.70 -1.73	3.84 3.69	14.97 14.57	31.25 30.70	4.93 4.50	11.34 10.88	10.11 9.64	9.79 9.31
N	MSCI ACWI NetDiv			-2.24	4.22	16.00	32.79	5.51	11.08	9.56	9.06
US Equity (06/00) Net of All Fees *	Russell 3000	314,139	40.89	- <b>0.72</b> - <b>0.74</b> -0.73	<b>5.34 5.26</b> 5.45	<b>17.72</b> <b>17.50</b> 19.75	<b>34.77 34.46</b> 37.86	<b>7.74 7.48</b> <i>7.</i> 64	14.13 13.84 14.60	12.99 12.69 13.27	12.09 11.77 12.44
	KUSSEII SUUU			-0./3	J.4J	17./3	37.00	7.04	14.00	13.2/	12.44
US Large Cap Equity SSgA S&P 500 Non-Lending (02/10) Net of Manager Fees *	S&P 500	234,689	30.55	-0.90 -0.91 -0.91	<b>4.93 4.92</b> 4.93	<b>20.97 20.96</b> 20.97	<b>38.02</b> <b>38.01</b> 38.02	<b>9.10</b> <b>9.09</b> 9.08	<b>15.27</b> <b>15.25</b> <i>15.27</i>	13.98 13.96 13.97	13.03 13.01 13.00
US Small/Mid Cap Equity River Road (V) (04/16) Net of Manager Fees *		39,442	5.13	1.23 1.15	6.32 6.00	8.84 8.00	20.31 19.21	7.94 6.98	10.26 9.27	10.06 9.07	 
Nei of Manager rees	Russell 2000 Value			-1. <b>15</b>	8.43	7.51	31.77	1.95	<b>7.27</b> 8.42	6.34	7.33
William Blair (G) (11/22) Net of Manager Fees *		40,009	5.21	-1.51 -1.58	7.42 7.12	9.37 8.60	32.13 31.01				
Nei oi Manager rees	Russell 2500 Growth			-0.25	6.72	10.92	34.21	-2.47	9.14	8.98	9. <b>4</b> 8

	Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYTD (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	7 Years (%)	10 Years (%)
Non US Equity (06/00)	204,547	26.62	-3.24	1.77	11.33	26.95	1.34	8.42	6.95	7.44
Net of All Fees *			-3.30	1.53	10.68	26.07	0.62	7.63	6.15	6.61
MSCI ACWI ex US NetDiv			-4.91	2.76	8.61	24.33	1.60	5.78	4.41	4.79
Artisan International Value (05/10)	58,023	7.55	-4.27	3.78	10.58	23.92	9.53	12.43	8.93	9.18
Net of Manager Fees *			-4.35	3.43	9.64	22.66	8.42	11.29	7.82	8.08
MSCI EAFE NetDiv			-5.44	1.43	6.85	22.97	2.70	6.24	4.93	5.27
Ninety One International Dynamic Fund (03/15)	55,808	7.26	-3.54	-0.37	8.74	26.20	0.39	6.69	5.26	
Net of Manager Fees *			-3.56	-0.49	8.42	25.76	0.06	6.33	4.90	
MSCI ACWI ex US NetDiv			-4.91	2.76	8.61	24.33	1.60	5.78	4.41	4.79
WCM Focused Int'l Growth (03/15)	52,862	6.88	-3.23	1.74	12.88	31.25	-1.41	10.28	10.27	
Net of Manager Fees *			-3.29	1.51	12.24	30.36	-2.10	9.52	9.51	
MSCI ACWI ex US NetDiv			-4.91	2.76	8.61	24.33	1.60	5.78	4.41	4.79
Axiom Emerging Markets (02/23)	37,853	4.93	-1.18	2.01	14.31	27.04				
Net of Manager Fees *	0.,000		-1.24	1.75	13.60	26.09				
MSCI EM NetDiv			-4.45	3.89	11.66	25.32	-1.43	3.93	2.47	3.43
Global Long/Short Equity (09/11)	343	0.04	0.00	2.17	-1.85	10.22	-4.09	3.57	3.60	4.40
Net of All Fees *			0.00	2.17	-1.85	10.22	-4.23	3.43	3.41	4.11
Private Equity (05/23) *	10,700	1.39	-0.07	-0.28	7.18	10.78				
Fixed Income (06/03)	151,233	19.68	-2.01	3.22	4.39	12.75	0.58	2.26	2.87	3.00
Net of All Fees *			-2.04	3.10	4.09	12.37	0.24	1.93	2.55	2.72
Bloomberg U\$ Aggregate			-2.48	2.59	1.86	10.55	-2.20	-0.23	1.10	1.49
JP Morgan Fixed Income (06/91)	47,132	6.13	-2.59	2.71	2.80	11.18	-1.42	0.59	1.82	2.18
Net of Manager Fees *	-		-2.60	2.66	2.67	11.01	-1.57	0.44	1.67	2.03
Bloomberg US Aggregate			-2.48	2.59	1.86	10.55	-2.20	-0.23	1.10	1.49
Amundi Pioneer Core Plus Bond Fund (11/11)	49,629	6.46	-2.22	4.08	5.19	15.88	0.31	2.61	3.02	3.17
Net of Manager Fees *	•		-2.24	4.00	4.97	15.59	0.06	2.35	2.77	2.91
Bloomberg Universal			-2.27	2.81	2.52	11.20	-1.78	0.18	1.39	1.82
BlackRock Strategic Income Opps (07/17)	54,472	7.09	-1.31	3.04	5.04	11.37	2.51	3.64	3.70	
Net of Manager Fees *	,		-1.36	2.84	4.54	10.74	1.93	3.05	3.11	
Bloomberg US Aggregate			-2.48	2.59	1.86	10.55	-2.20	-0.23	1.10	1.49

	Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYTD (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	7 Years (%)	10 Years (%)
Real Assets										
Real Estate (09/11)	77,233	10.05	0.27	0.30	-4.41	-10.99	-2.40	1.99	3.48	5.98
Net of All Fees *			0.21	-0.07	-5.33	-12.07	-3.59	0.74	2.21	4.69
NFI ODCE N	et		0.00	0.03	-3.19	-8.03	-1.04	2.05	3.21	5.16
JP Morgan Special Situation Property (02/07)	18,374	2.39	0.66	0.66	-9.28	-19.25	-9.15	-1.84	1.19	4.96
Net of Manager Fees *			0.54	0.16	-10.40	-20.45	-10.56	-3.36	-0.39	3.33
NFI ODCE N	et		0.00	0.03	-3.19	-8.03	-1.04	2.05	3.21	5.16
JP Morgan Strategic Property (05/07)	31,115	4.05	0.30	1.12	-3.14	-10.26	-2.48	1.60	2.86	5.13
Net of Manager Fees *			0.21	0.79	-3.94	-11.15	-3.45	0.59	1.83	4.09
NFI ODCE N	et		0.00	0.03	-3.19	-8.03	-1.04	2.05	3.21	5.16
Clarion Lion Industrial Trust (07/22)	27,743	3.61	0.00	-0.89	-2.33	-5.03				
Net of Manager Fees *			0.00	-1.20	-3.26	-6.23				
NFI ODCE N	et		0.00	0.03	-3.19	-8.03	-1.04	2.05	3.21	5.16
Cash and Equivalents										
Northern Trust Miscellaneous Assets (07/03)	7,807	1.02	0.40	1.69	4.31	5.21	3.49	2.20	2.08	1.53
Residual Manager Cash <sup>2</sup>	2,300	0.30								

The net of all fees includes administrative costs, custodial fees, transaction costs, and investment manager fees associated with the fund. The net of all fee calculation began January 1, 2011.

The net of manager fees includes the investment manager fees and transaction costs associated with each portfolio. The net of manager fee calculation began January 1, 2011.

<sup>1</sup> Policy Index: Effective March 2024, the index consists of 65.00% MSCI ACWI NetDiv, 20.00% Bloomberg US Aggregate, 15.00% NFI ODCE Net.

<sup>&</sup>lt;sup>2</sup> Residual Manager Cash includes cash held in the Large Cap Equity, Small/Mid Cap Equity, Non US Equity, Global Long/Short, Fixed Income and Real Assets holding accounts. Fiscal year end is June.

## **Private Equity**

For the Period Ending October 31, 2024

## Summary of Cash Flows for 1 Month

Cash Outflows	Cash Inflows	Net Cash Flows
-800,000		-800,000

Summary of Portfolio Inception to Date

	Inception Date	Committed	Drawn to Date	Remaining Commitment	Distributions to Date	Adjusted Ending Value	Total Value	Total Value to Paid-in	Annualized IRR (%)
Total	Apr-23	35,000,000	10,150,000	24,850,000	370,200	10,700,012	11,070,212	1.09x	7.18
Warburg Pincus Global Growth 14	Apr-23	20,000,000	10,150,000	9,850,000	370,200	10,700,012	11,070,212	1.09x	7.18
Berkshire XI		15,000,000	-	15,000,000	-	-	-	-	NM

## Cash Flow Activity for 1 Month

Fund Name	Date	Transaction Type	Cash Outflows	Cash Inflows	Net Cash Flows
Total			-800,000		-800,000
Warburg Pincus Global Growth 14	10/28/2024	Capital Call	-800,000	-	

Market Overview

	1 Month	FYTD	YTD	1 Year	3 Years	5 Years	7 Years	10 Years
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
US Equity Markets Value								
Russell 1000 Value	-1.10	8.23	15.40	30.98	6.85	10.14	9.25	8.87
S&P 500 Value	-1.27	7.66	13.90	31.70	10.97	12.34	11.25	10.47
Russell 2000 Value	-1.56	8.43	7.51	31.77	1.95	8.42	6.34	7.33
US Equity Markets Core								
S&P 500	-0.91	4.93	20.97	38.02	9.08	15.27	13.97	13.00
Russell 1000	-0.70	5.34	20.33	38.07	8.12	15.00	13.70	12.75
Russell 2000	-1.44	7.69	9.56	34.07	-0.05	8.50	7.01	7.94
Russell 2500	-0.93	7.74	10.27	33.08	1.51	9.81	8.64	8.92
US Equity Markets Growth								
Russell 1000 Growth	-0.33	2.85	24.14	43.77	8.84	19.00	17.51	16.18
S&P 500 Growth	-0.63	3.07	27.35	43.67	6.71	17.01	15.80	14.76
Russell 2000 Growth	-1.33	6.97	11.72	36.49	-2.30	<i>7</i> .92	7.15	8.15
NASDAQ Comp	-0.52	2.04	20.54	40.80	5.30	16.89	15.18	14.60
Non US Equity Markets								
MSCI EAFE NetDiv	-5.44	1.43	6.85	22.97	2.70	6.24	4.93	5.27
MSCI ACWI ex US NetDiv	-4.91	2.76	8.61	24.33	1.60	5.78	4.41	4.79
MSCI World NetDiv	-1.98	4.25	16.50	33.68	6.38	12.03	10.50	9.78
S&P EPAC LargeMidCap	-5.44	1.08	6.62	23.26	2.43	6.58	5.18	5.69
Fixed Income								
Bloomberg Intermediate G/C	-1.60	2.50	3.00	8.20	-0.18	0.85	1.66	1.73
Bloomberg Govt/Credit	-2.38	2.60	1.91	10.23	-2.31	-0.13	1.28	1.65
Bloomberg US Aggregate	-2.48	2.59	1.86	10.55	-2.20	-0.23	1.10	1.49
Citigroup Broad Investment Grd	-2.46	2.65	1.92	10.72	-2.27	-0.23	1.12	1.50
JPM Gov't ex US UnH	-5.15	4.31	-4.21	6.77	-8.39	-5.08	-2.74	-1.72
FTSE High-Yield Market	-0.46	4.86	7.74	16.83	3.19	4.59	4.53	4.69
FTSE World Govt Bond	-3.46	3.25	-0.84	8.37	-5.40	-2.85	-1.01	-0.47
US T-Bills 90 Day	0.38	1.75	4.43	5.39	3.63	2.36	2.27	1.69
FTSE 1 Yr T-Bill	0.00	2.07	4.07	5.51	2.60	1.99	2.07	1.60

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11/22/2024 Agenda Item: 7. A (2)



# Oklahoma Municipal Retirement Fund Defined Contribution Plan

**Monthly ASAP Report** 

October 31, 2024



2018 2019 2020 2021 2022 **2023** 

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- Treasury yields rose sharply across the curve as markets adjusted expectations for future rate cuts following growth and inflation data

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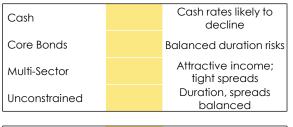
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Asset Class	Current Valuation	Rationale
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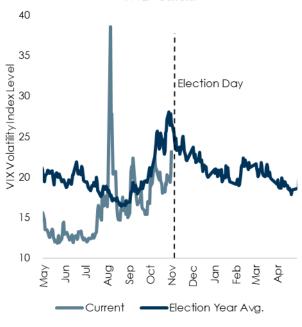
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- Stronger inflation and labor market data
- Rising headwinds for consumers (higher rates, student loan repayments, depleted savings...)
- Potential Fed policy error
- Headwinds to corporate earnings
- Rising geopolitical tensions
- Weaker than expected China recovery

#### Market Volatility Rises During Election Seasons

#### Equity Volatility in Presidential Election Years 1992 - Current



Source: Bloomberg (as of 10/31/2024)

## Oklahoma Municipal Retirement Fund - Defined Contribution Investment Options

	Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYTD (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	7 Years (%)	10 Years (%)
Total Investment Options (ex. other assets)	187,937	42.21								
Growth and Value Option (06/00) Net of All Fees *  \$&P 500	28,618	6.43	-0.69 -0.71 -0.91	<b>4.36 4.28</b> 4.93	19.75 19.53 20.97	<b>37.31 37.01</b> 38.02	<b>7.37 7.13</b> 9.08	15.25 14.99 15.27	13.84 13.58 13.97	<b>13.05 12.75</b> <i>13.00</i>
Vanguard Windsor II (V) (06/03) Net of Manager Fees *  Russell 1000 Value	7,084	1.59	<b>-1.31</b> <b>-1.33</b> -1.10	<b>3.84 3.75</b> 8.23	14.38 14.13 15.40	<b>30.60</b> <b>30.26</b> 30.98	<b>7.41 7.13</b> 6.85	13.92 13.63 10.14	12.19 11.89 9.25	10.94 10.64 8.87
Vanguard Total Stock (C) (02/08) Net of Manager Fees *  S&P 500	14,330	3.22	-0.75 -0.75 -0.91	<b>5.38 5.37</b> 4.93	19.40 19.67 20.97	<b>37.89</b> <b>37.84</b> 38.02	<b>7.51 7.48</b> 9.08	14.59 14.56 15.27	13.26 13.23 13.97	12.46 12.42 13.00
T. Rowe Price (G) (07/21)  Net of Manager Fees *  Russell 1000 Growth	7,204	1.62	0.05 0.00 -0.33	2.78 2.59 2.85	25.21 24.63 24.14	<b>42.86 42.06</b> 43.77	<b>6.46</b> <b>5.87</b> 8.84	 19.00	  17.51	  16.18
S&P 500 Option					· · · · · · · · · · · · · · · · · · ·					
SSgA S&P 500 Option Non-Lending (02/10) Net of Manager Fees *  S&P 500	46,519	10.45	-0.91 -0.91 -0.91	<b>4.93 4.92</b> 4.93	<b>20.98 20.95</b> 20.97	<b>38.03</b> <b>38.00</b> 38.02	<b>9.09</b> <b>9.06</b> 9.08	<b>15.26</b> <b>15.24</b> <i>15.27</i>	<b>13.94 13.91</b> <i>13.97</i>	<b>13.01 12.95</b> <i>13.00</i>
Aggressive Equity Option (06/00) Net of All Fees *  Russell 2000 Russell 2500	18,963	4.26	-0.55 -0.59 -1.44 -0.93	7.44 7.27 7.69 7.74	10.23 9.79 9.56 10.27	33.55 32.92 34.07 33.08	1.79 1.29 -0.05	11.39 10.82 8.50 9.81	9.53 8.96 7.01 8.64	9.53 8.90 7.94 8.92
Integrity Small Cap Value (V) (09/15) Net of Manager Fees *  Russell 2000 Value	4,697	1.06	-1.71 -1.78 -1.56	<b>4.72 4.39</b> 8.43	<b>5.70</b> <b>4.86</b> 7.51	<b>25.55 24.35</b> 31.77	<b>6.44</b> <b>5.43</b> 1.95	11.70 10.64 8.42	<b>8.11 7.08</b> 6.34	  7.33
SSgA Russell Small Cap Completeness Fund (05/10) Net of Manager Fees *  Russell Small Cap Completeness	9,571	2.15	0.51 0.51 0.54	8.82 8.80 8.84	12.96 12.91 12.95	38.25 38.18 38.04	0.31 0.24 0.21	10.97 10.89 10.95	<b>9.52</b> <b>9.44</b> 9.50	9.53 9.46 9.54
William Blair (G) (11/22) Net of Manager Fees *  Russell 2500 Growth	4,695	1.05	-1.51 -1.58 -0.25	<b>7.42 7.12</b> 6.72	9.37 8.60 10.92	32.13 31.02 34.21	  -2.47	  9.14	9.30   8.98	9.48

## Oklahoma Municipal Retirement Fund - Defined Contribution Investment Options

	Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYID (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	7 Years (%)	10 Years (%)
International Investment Equity Option (06/00)	9,078	2.04	-3.94	2.98	9.78	24.42	1.54	6.79	5.20	6.44
Net of All Fees *			-3.99	2.75	9.17	23.59	0.83	6.01	4.41	5.62
MSCI ACWI ex US NetDiv			-4.91	2.76	8.61	24.33	1.60	5.78	4.41	4.79
Artisan International Value (05/10)	2,262	0.51	-4.27	3.78	10.58	23.92	9.52	12.43	8.91	9.18
Net of Manager Fees *			-4.35	3.43	9.64	22.66	8.41	11.29	7.81	8.06
MSCI EAFE NetDiv			-5.44	1.43	6.85	22.97	2.70	6.24	4.93	5.27
SSgA Global Equity ex US (11/14)	2,238	0.50	-5.19	2.35	8.32	23.53	1.77	5.98	4.61	5.05
Net of Manager Fees *			-5.19	2.32	8.24	23.42	1.68	5.88	4.49	4.91
MSCI ACWI ex US NetDiv			-4.91	2.76	8.61	24.33	1.60	5.78	4.41	4.79
Harding Loevner International Equity (07/16)	2,254	0.51	-5.08	3.70	5.86	22.91	-0.11	7.04	5.85	
Net of Manager Fees *			-5.14	3.41	5.14	21.91	-0.93	6.17	4.99	
MSCI ACWI ex US NetDiv			-4.91	2.76	8.61	24.33	1.60	5.78	4.41	4.79
Axiom Emerging Markets (02/23)	2,323	0.52	-1.18	1.99	14.30	27.02				
Net of Manager Fees *			-1.24	1.74	13.59	26.08				
MSCI EM NetDiv			-4.45	3.89	11.66	25.32	-1.43	3.93	2.47	3.43
Global Equity Option										
SSgA Global Equity NL (11/15)	12,490	2.81	-2.32	4.16	16.14	32.90	5.89	11.53	10.02	
Net of Manager Fees *			-2.33	4.12	16.04	32.77	5.78	11.41	9.88	
MSCI ACWI NetDiv			-2.24	4.22	16.00	32.79	5.51	11.08	9.56	9.06
ESG U.S. Stock Fund Option										
Calvert Equity Fund (04/20)	1,821	0.41	-3.39	2.90	9.01	26.55	4.19			
Net of Manager Fees *			-3.44	2.67	8.40	25.71	3.50			
Russell 1000			-0.70	5.34	20.33	38.07	8.12	15.00	13.70	12.75

# Oklahoma Municipal Retirement Fund - Defined Contribution Investment Options

For the Periods Ending October 31, 2024

	Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYTD (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	7 Years (%)	10 Years (%)
Total Yield Option (02/12)	8,003	1.80	-2.11	3.18	4.08	12.60	0.23	2.08	2.77	2.94
Net of All Fees *			-2.14	3.05	3.75	12.17	-0.15	1.69	2.38	2.54
Bloomberg US Aggregate			-2.48	2.59	1.86	10.55	-2.20	-0.23	1.10	1.49
JP Morgan Core Bond Fund (02/12)	3,983	0.89	-2.45	2.81	3.07	11.58	-1.16	0.81	2.00	2.31
Net of Manager Fees *			-2.48	2.71	2.81	11.25	-1.45	0.51	1.70	2.01
Bloomberg US Aggregate			-2.48	2.59	1.86	10.55	-2.20	-0.23	1.10	1.49
Amundi Pioneer Core Plus Bond Fund (02/12)	1,996	0.45	-2.23	4.08	5.18	15.92	0.73	2.88	3.23	3.33
Net of Manager Fees *			-2.25	3.96	4.87	15.51	0.38	2.52	2.87	2.98
Bloomberg Universal			-2.27	2.81	2.52	11.20	-1.78	0.18	1.39	1.82
BlackRock Strategic Income Opps (07/17)	2,024	0.45	-1.32	3.02	5.02	11.35	2.49	3.63	3.70	
Net of Manager Fees *			-1.36	2.82	4.52	10.71	1.91	3.04	3.11	
Bloomberg US Aggregate			-2.48	2.59	1.86	10.55	-2.20	-0.23	1.10	1.49
Bond Index Option (11/11)	14,631	3.29	-2.47	2.59	1.98	10.59	-2.18	-0.18	1.15	1.53
Net of All Fees *			-2.48	2.57	1.93	10.52	-2.24	-0.24	1.09	1.45
Bloomberg US Aggregate			-2.48	2.59	1.86	10.55	-2.20	-0.23	1.10	1.49
SSgA US Aggregate Bond Fund (11/11)	14,631	3.29	-2.47	2.59	1.98	10.59	-2.18	-0.18	1.15	1.53
Net of Manager Fees *			-2.48	2.57	1.93	10.52	-2.24	-0.24	1.09	1.48
Real Assets Option (01/17)	737	0.17	-2.33	4.43	5.76	15.23	1.20	5.26	5.27	
Net of Fees *			-2.37	4.28	5.40	14.76	0.79	4.83	4.84	
Real Assets Blended Benchmark <sup>1</sup>			-2.28	4.77	6.33	15.23	0.64	4.43	4.62	2.94
PIMCO Diversified Real Assets (01/17)	737	0.17	-2.33	4.43	5.76	15.23	1.20	5.26	5.27	
Net of Manager Fees *			-2.37	4.28	5.40	14.76	0.79	4.83	4.84	
Fixed Fund Option										
Voya Fixed Plus III (10/15) *	47,077	10.57	0.19	0.76	1.88	2.25	2.00	2.00	1.95	

Real Assets Blended Benchmark: Effective August 2016, the index consists of 40.00% Bloomberg US TIPS, 25.00% Bloomberg Commodity, 35.00% DJ US Select REIT.

# Oklahoma Municipal Retirement Fund - Defined Contribution Investment Options

For the Periods Ending October 31, 2024

	Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYTD (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	7 Years (%)	10 Years (%)
SSgA Target Retirement Options	248,267	55.77								
SSgA Target Retirement Income (11/15) Net of Manager Fees *	18,603		-1.82 -1.83	3.39 3.35	6.87 6.76	15.65 15.51	1.69 1.57	4.83 4.71	4.79 4.67	 
SSgA Target Retirement 2020 (11/15) Net of Manager Fees *	19,114		-1.84 -1.85	3.44 3.40	7.11 7.00	16.41 16.27	1.56 1.44	5.51 5.38	5.48 5.35	
SSgA Target Retirement 2025 (11/15) Net of Manager Fees *	44,840		-2.09 -2.10	3.70 3.66	8.49 8.38	19.95 19.81	1.77 1.65	6.70 6.57	6.47 6.34	
SSgA Target Retirement 2030 (11/15) Net of Manager Fees *	39,213		-2.48 -2.49	3.90 3.86	9.84 9.73	24.13 23.98	2.15 2.03	7.62 7.50	7.20 7.07	
SSgA Target Retirement 2035 (11/15) Net of Manager Fees *	33,419		-2.73 -2.74	3.90 3.86	10.45 10.34	26.17 26.02	2.31 2.18	8.15 8.02	7.58 7.45	
SSgA Target Retirement 2040 (11/15) Net of Manager Fees *	27,279		-2.77 -2.78	4.01 3.97	11.14 11.02	27.62 27.46	2.54 2.42	8.66 8.53	7.96 7.83	
SSgA Target Retirement 2045 (11/15) Net of Manager Fees *	22,824		-2.79 -2.80	4.13 4.09	11.66 11.54	28.76 28.60	2.74 2.62	9.10 8.97	8.26 8.13	
SSgA Target Retirement 2050 (11/15) Net of Manager Fees *	17,773		-2.78 -2.79	4.28 4.24	12.14 12.03	29.87 29.71	2.96 2.84	9.45 9.31	8.50 8.37	
SSgA Target Retirement 2055 (11/15) Net of Manager Fees *	12,007		-2.77 -2.78	4.33 4.29	12.26 12.15	30.09 29.94	3.02 2.90	9.48 9.35	8.53 8.40	
SSgA Target Retirement 2060 (11/15) Net of Manager Fees *	12,927		-2.76 -2.77	4.33 4.29	12.26 12.15	30.09 29.94	3.02 2.90	9.47 9.34	8.52 8.39	
SSgA Target Retirement 2065 (05/20) Net of Manager Fees *	269		-2.77 -2.78	4.32 4.28	12.26 12.15	30.08 29.93	3.02 2.89			
Loan Fund	8,987	2.02								

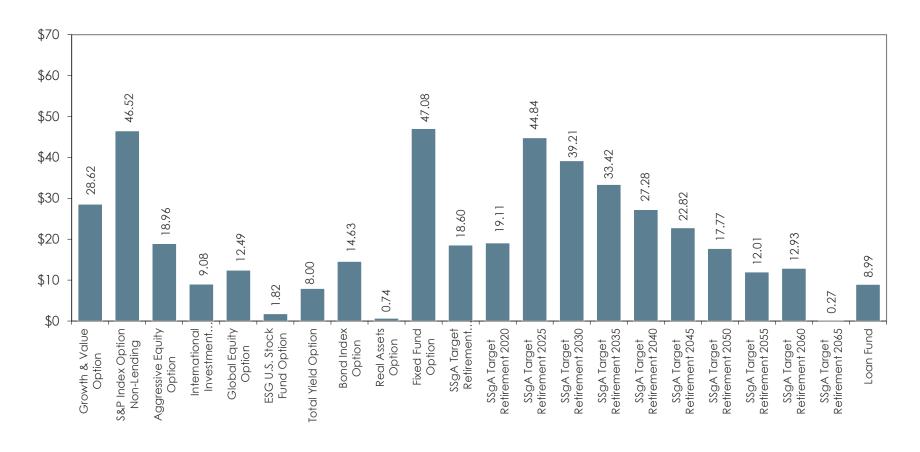
<sup>\*</sup> The net of all fees includes administrative costs, custodial fees, transaction costs, and investment manager fees associated with the fund. The net of all fee calculation began January 1, 2011.

<sup>\*</sup> The net of manager fees includes the investment manager fees and transaction costs associated with each portfolio. The net of manager fee calculation began January 1, 2011. Fiscal year end is June

All index returns are gross of dividends.

# Oklahoma Municipal Retirement Fund - Defined Contribution

For the Periods Ending October 31, 2024 (In \$ Millions)



Market Overview

For the Periods Ending October 31, 2024

	1			1	3	5	7	10
	Month	FYTD	YTD	Year	Years	Years	Years	Years
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
US Equity Markets Value								
Russell 1000 Value	-1.10	8.23	15.40	30.98	6.85	10.14	9.25	8.87
S&P 500 Value	-1.27	7.66	13.90	31.70	10.97	12.34	11.25	10.47
Russell 2000 Value	-1.56	8.43	7.51	31.77	1.95	8.42	6.34	<i>7</i> .33
US Equity Markets Core								
S&P 500	-0.91	4.93	20.97	38.02	9.08	15.27	13.97	13.00
Russell 1000	-0.70	5.34	20.33	38.07	8.12	15.00	13.70	12.75
Russell 2000	-1.44	7.69	9.56	34.07	-0.05	8.50	7.01	7.94
Russell 2500	-0.93	7.74	10.27	33.08	1.51	9.81	8.64	8.92
US Equity Markets Growth								
Russell 1000 Growth	-0.33	2.85	24.14	43.77	8.84	19.00	17.51	16.18
S&P 500 Growth	-0.63	3.07	27.35	43.67	6.71	17.01	15.80	14.76
Russell 2000 Growth	-1.33	6.97	11.72	36.49	-2.30	<i>7</i> .92	7.15	8.15
NASDAQ Comp	-0.52	2.04	20.54	40.80	5.30	16.89	15.18	14.60
Non US Equity Markets								
MSCI EAFE NetDiv	-5.44	1.43	6.85	22.97	2.70	6.24	4.93	5.27
MSCI ACWI ex US NetDiv	-4.91	2.76	8.61	24.33	1.60	5.78	4.41	4.79
MSCI World NetDiv	-1.98	4.25	16.50	33.68	6.38	12.03	10.50	9.78
S&P EPAC LargeMidCap	-5.44	1.08	6.62	23.26	2.43	6.58	5.18	5.69
Fixed Income								
Bloomberg Intermediate G/C	-1.60	2.50	3.00	8.20	-0.18	0.85	1.66	1.73
Bloomberg Govt/Credit	-2.38	2.60	1.91	10.23	-2.31	-0.13	1.28	1.65
Bloomberg US Aggregate	-2.48	2.59	1.86	10.55	-2.20	-0.23	1.10	1.49
Citigroup Broad Investment Grd	-2.46	2.65	1.92	10.72	-2.27	-0.23	1.12	1.50
JPM Gov't ex US UnH	-5.15	4.31	-4.21	6.77	-8.39	-5.08	-2.74	-1.72
FTSE High-Yield Market	-0.46	4.86	7.74	16.83	3.19	4.59	4.53	4.69
FTSE World Govt Bond	-3.46	3.25	-0.84	8.37	-5.40	-2.85	-1.01	-0.47
US T-Bills 90 Day	0.38	1.75	4.43	5.39	3.63	2.36	2.27	1.69
FTSE 1 Yr T-Bill	0.00	2.07	4.07	5.51	2.60	1.99	2.07	1.60

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11/22/2024 Agenda Item: 7. A (3)



# Oklahoma Municipal Retirement Fund

**Investment Performance Review** 

September 30, 2024



2018 2019 2020 2021 2022 **2023** 

We are proud to announce that ACG has again been named a Greenwich Associates

Quality Leader - recognized as one of the top consultants in the industry.

Methodology and Disclosure: Between February and November 2023, Coalition Greenwich conducted interviews with 708 individuals from 575 of the largest tax-exempt funds in the United States. These U.S.-based institutional investors are corporate, public, union, and endowment and foundation funds with either pension or investment pool assets greater than \$150 million. Study participants were asked to provide quantitative and qualitative evaluations of their asset management and investment consulting providers, including qualitative assessments of those firms soliciting their business and detailed information on important market trends. ACG is one of three firms recognized in the mid-size investment consultant category. The ratings may not be representative of any one client's experience with ACG; rather they are representative of those clients that chose to participate in the survey. The results are not indicative of ACG's future performance. ACG does not pay to have its clients participate in the study.



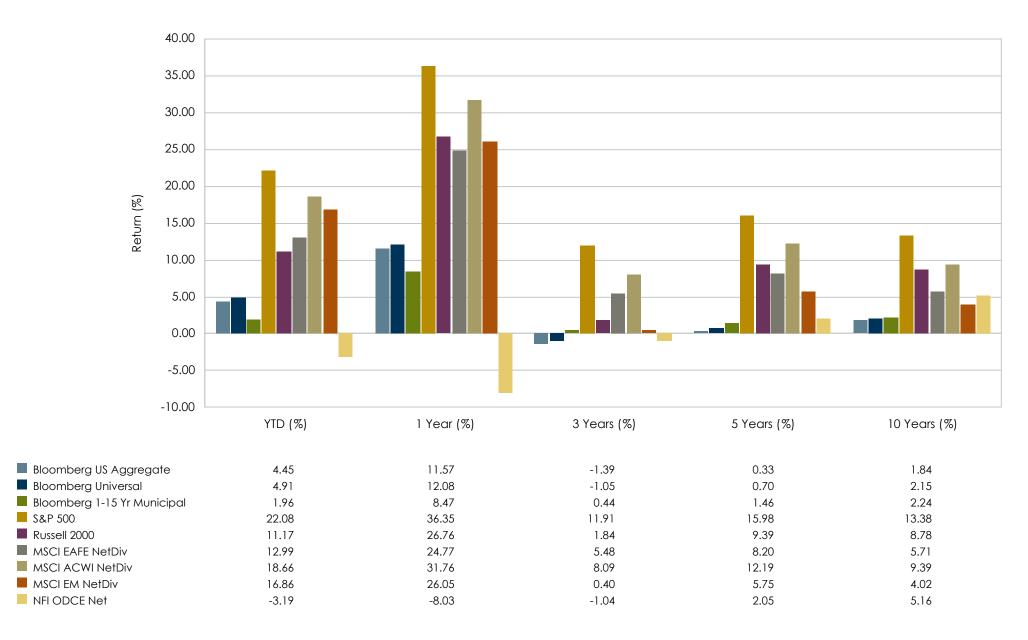
# **Table of Contents**

Tab 1	Market Overview
Tab 2	Defined Benefit Plan Performance
Tab 3	Balanced Fund Managers
Tab 4	Defined Contribution Plan Performance
Appendix	Policy Index History
	Definitions of Statistical Measures
	Quality Rating Scale

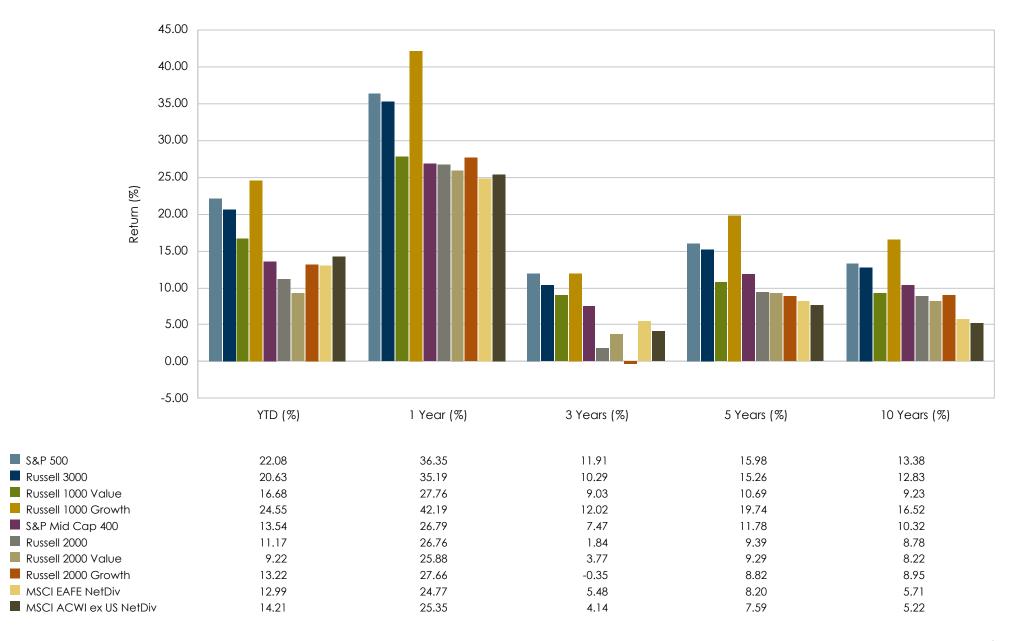
Oklahoma Municipal Retirement Fund - Defined Benefit Plan

**Market Overview** 

**Market Environment** 

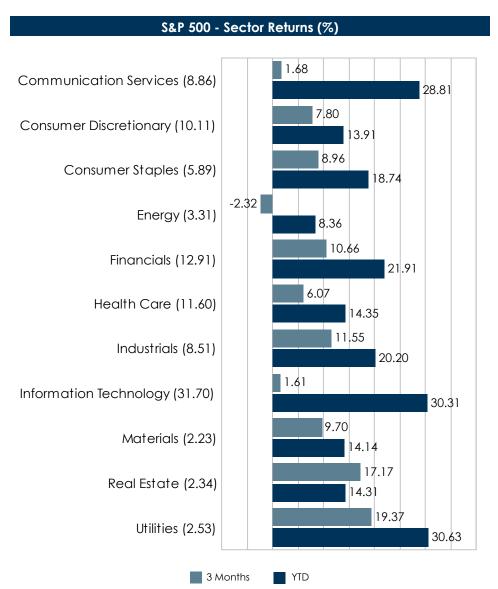


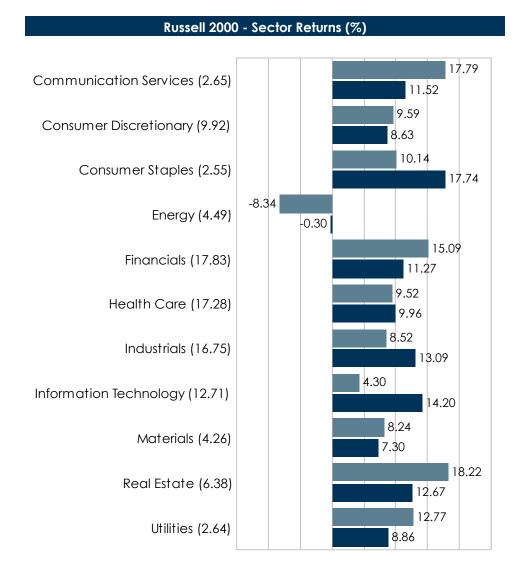
# **Equity Index Returns**



### US Markets - Performance Breakdown

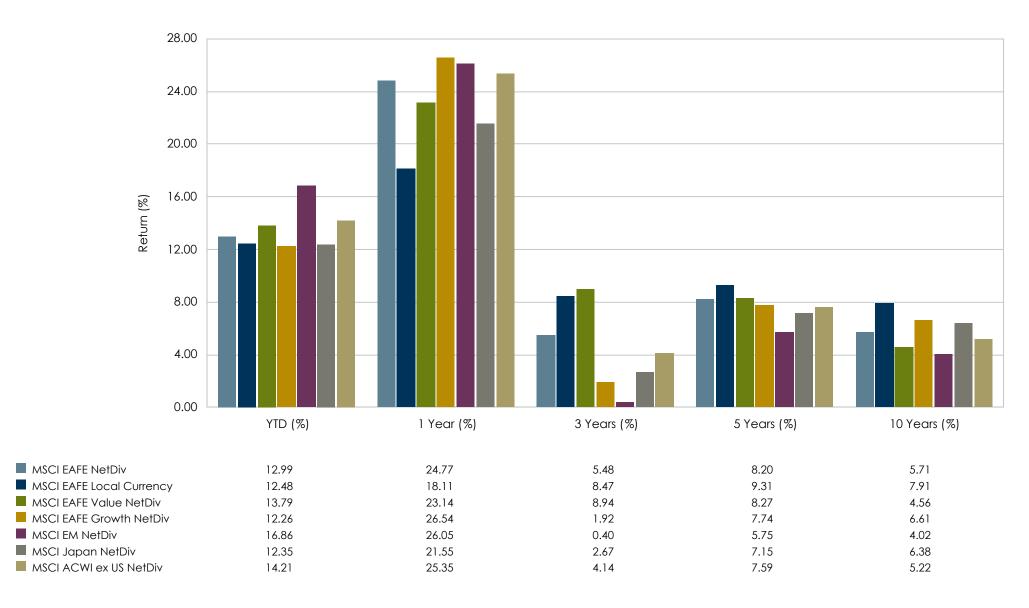
For the Periods Ending September 30, 2024





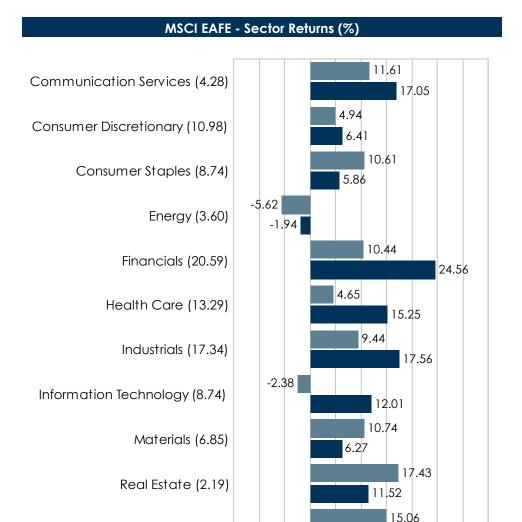
Numbers in parenthesis represent sector weightings of the index. Sector weights may not add to 100% due to rounding or securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

# **Non-US Equity Index Returns**

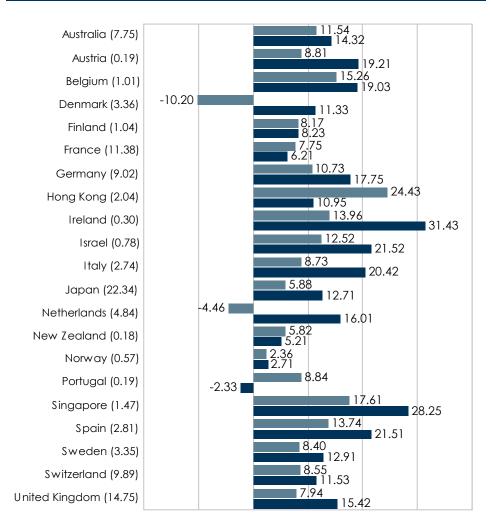


# Non-US Equity - Performance Breakdown

For the Periods Ending September 30, 2024



# MSCI EAFE - Country Returns (%)



Numbers in parenthesis represent sector or country weights of the index. Sector or country weights may not add to 100% due to rounding.

YTD

10.63

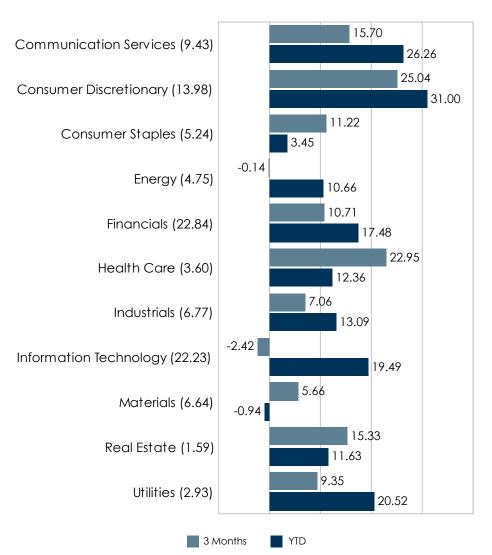
Utilities (3.40)

3 Months

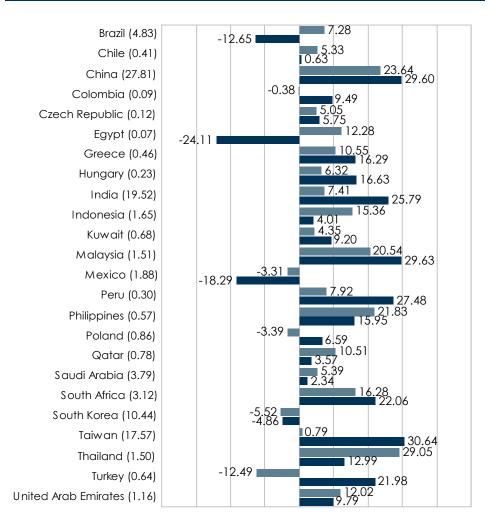
# **Emerging Markets - Performance Breakdown**

For the Periods Ending September 30, 2024





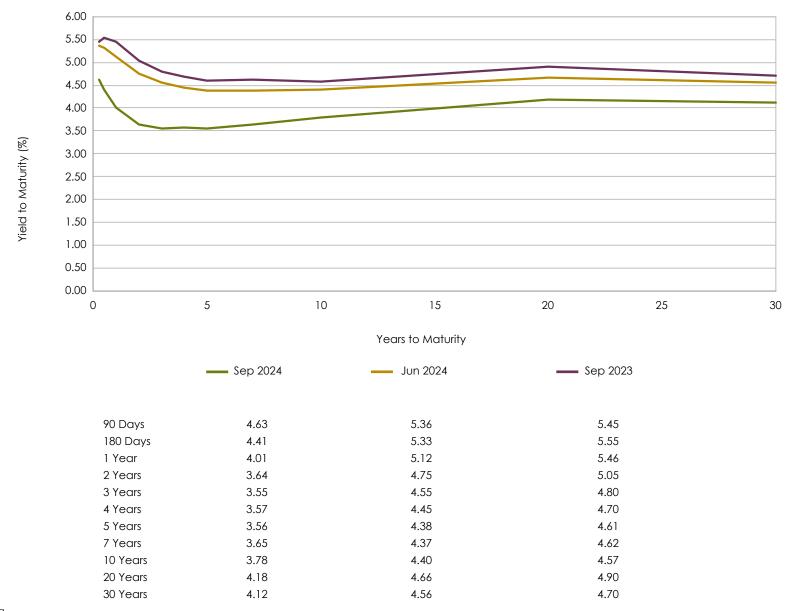
# MSCI Emerging Markets - Country Returns (%)



Numbers in parenthesis represent sector or country weights of the index. Sector or country weights may not add to 100% due to rounding.

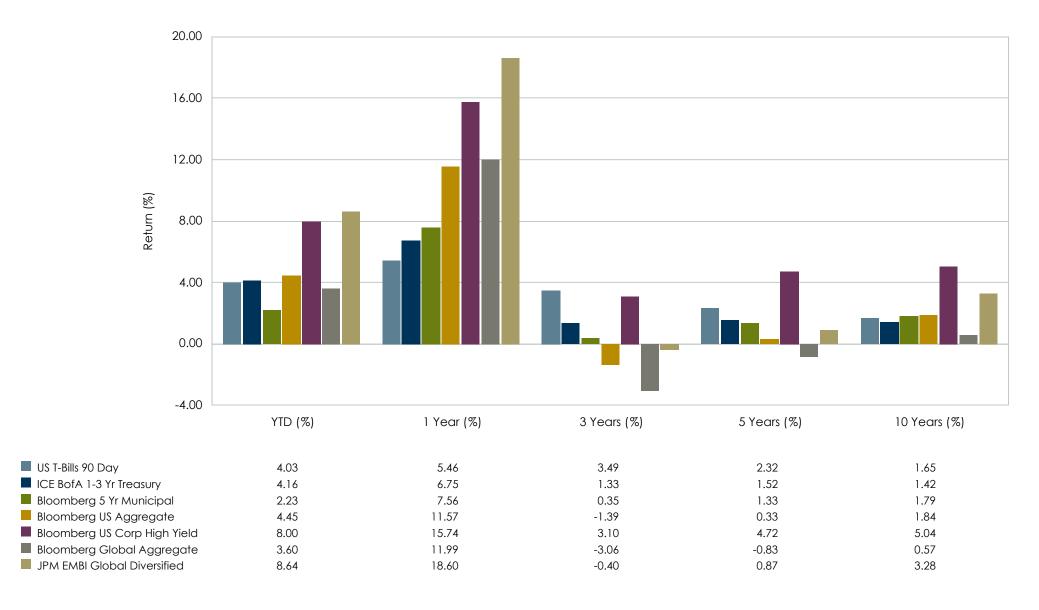
# Interest Rate Term Structure

Government Issues - 3 Months to 30 Years Maturity



Source: Bloomberg

# **Fixed Income Index Returns**



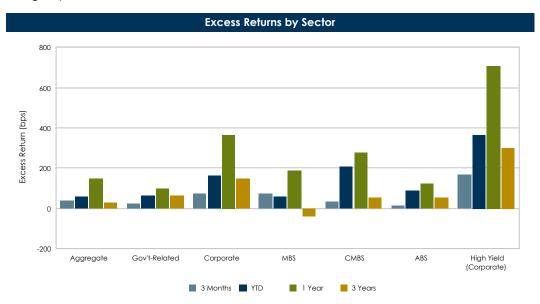
# **US Fixed Income Market Environment**

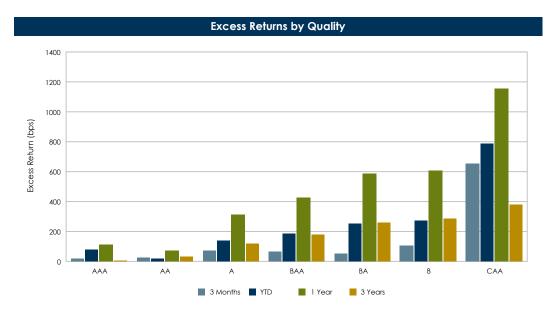
For the Periods Ending September 30, 2024

١	lominal Returns By	Sector (%)		
	3 Months	YTD	1 Year	3 Years
US Aggregate	5.20	4.46	11.59	-1.39
US Treasury	4.74	3.84	9.71	-1.78
US Agg: Gov't-Related	4.63	4.57	10.28	-0.54
US Corporate IG	5.83	5.32	14.28	-1.18
MBS	5.53	4.50	12.31	-1.19
CMBS	4.65	6.25	11.81	-0.29
ABS	3.35	5.07	8.74	1.82
US Corp High Yield	5.28	8.00	15.74	3.10

	Nominal Returns by	Quality (%)		
	3 Months	YTD	1 Year	3 Years
AAA	4.39	4.97	9.91	-1.25
AA	5.03	4.09	10.72	-2.06
A	5.82	5.13	13.69	-1.28
BAA	5.81	5.65	14.94	-0.85
BA	4.25	6.82	14.68	2.32
В	4.54	7.05	14.57	3.29
CAA	10.19	12.54	20.33	4.32

	Nominal Returns by A	Maturity (%)		
	<u>3 Months</u>	YTD	1 Year	3 Years
1-3 Yr.	2.96	4.41	7.23	1.51
3-5 Yr.	4.18	4.71	9.54	0.25
5-7 Yr.	5.10	4.82	11.29	-0.64
7-10 Yr.	6.10	4.53	12.70	-2.11
10+ Yr.	7.94	3.54	15.87	-6.41





Source: Bloomberg

# **Monthly Index Returns**

Index Name	3 Months (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	7 Years (%)	10 Years (%)
Equity							
S&P 500	5.89	22.08	36.35	11.91	15.98	14.50	13.38
Russell 1000	6.08	21.18	35.68	10.83	15.64	14.18	13.10
Russell 1000 Growth	3.19	24.55	42.19	12.02	19.74	18.20	16.52
Russell 1000 Value	9.43	16.68	27.76	9.03	10.69	9.53	9.23
Russell 2500	8.75	11.30	26.17	3.47	10.43	9.02	9.50
Russell 2000	9.27	11.17	26.76	1.84	9.39	7.36	8.78
Russell 2000 Growth	8.41	13.22	27.66	-0.35	8.82	7.60	8.95
Russell 2000 Value	10.15	9.22	25.88	3.77	9.29	6.60	8.22
Wilshire 5000 Cap Wtd	6.16	20.58	35.17	11.86	16.35	14.51	13.43
MSCI ACWI NetDiv	6.61	18.66	31.76	8.09	12.19	10.23	9.39
MSCI ACWI ex US NetDiv	8.06	14.21	25.35	4.14	7.59	5.44	5.22
MSCI EAFE NetDiv	7.26	12.99	24.77	5.48	8.20	6.00	5.71
MSCI EAFE Local Currency	0.89	12.48	18.11	8.47	9.30	7.72	7.91
MSCI EAFE Growth NetDiv	5.68	12.26	26.54	1.92	7.74	6.66	6.61
MSCI EAFE Value NetDiv	8.89	13.79	23.14	8.94	8.27	5.02	4.56
MSCI EM NetDiv	8.72	16.86	26.05	0.40	5.75	3.65	4.02
Fixed Income							
ICE BofA 1-3 Yr Treasury	2.89	4.16	6.75	1.33	1.52	1.70	1.42
Bloomberg 5 Yr Municipal	3.04	2.23	7.56	0.35	1.33	1.70	1.79
Bloomberg US Aggregate	5.20	4.45	11.57	-1.39	0.33	1.47	1.84
Bloomberg Gov't Bond	4.71	3.85	9.68	-1.72	-0.16	1.08	1.36
Bloomberg US Credit	5.71	5.23	13.81	-1.12	1.07	2.33	2.79
Bloomberg 10 Yr Municipal	2.64	1.02	8.57	0.13	1.42	2.25	2.60
Bloomberg US Corp High Yield	5.28	8.00	15.74	3.10	4.72	4.71	5.04
FTSE World Govt Bond	6.95	2.72	11.02	-4.41	-2.05	-0.59	-0.15
Bloomberg Global Aggregate	6.98	3.60	11.99	-3.06	-0.83	0.26	0.57
Bloomberg Multiverse	6.97	3.81	12.25	-2.81	-0.63	0.39	0.74
JPM EMBI Global Diversified	6.15	8.64	18.60	-0.40	0.87	1.92	3.28
Real Assets							
NCREIF Property	0.78	-0.42	-3.42	0.89	3.28	4.24	5.89
NFI ODCE Net	0.03	-3.19	-8.03	-1.04	2.05	3.21	5.16
FTSE NAREIT Equity REITs	16.09	15.93	34.74	5.07	5.46	6.97	7.83
Bloomberg Commodity	0.68	5.86	0.96	3.66	7.79	4.87	0.03
Cash and Equivalents							
US T-Bills 90 Day	1.37	4.03	5.46	3.49	2.32	2.22	1.65

# **Monthly Index Returns**

For the Periods Ending October 31, 2024

Index Name	1 Month (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	7 Years (%)	10 Years (%)
Equity							
S&P 500	-0.91	20.97	38.02	9.08	15.27	13.97	13.00
Russell 1000	-0.70	20.33	38.07	8.12	15.00	13.70	12.75
Russell 1000 Growth	-0.33	24.14	43.77	8.84	19.00	17.51	16.18
Russell 1000 Value	-1.10	15.40	30.98	6.85	10.14	9.25	8.87
Russell 2500	-0.93	10.27	33.08	1.51	9.81	8.64	8.92
Russell 2000	-1.44	9.56	34.07	-0.05	8.50	7.01	7.94
Russell 2000 Growth	-1.33	11.72	36.49	-2.30	7.92	7.15	8.15
Russell 2000 Value	-1.56	7.51	31.77	1.95	8.42	6.34	7.33
Wilshire 5000 Cap Wtd	-0.72	19.71	37.86	9.19	15.68	14.04	13.04
MSCI ACWI NetDiv	-2.24	16.00	32.79	5.51	11.08	9.56	9.06
MSCI ACWI ex US NetDiv	-4.91	8.61	24.33	1.60	5.78	4.41	4.79
MSCI EAFE NetDiv	-5.44	6.85	22.97	2.70	6.24	4.93	5.27
MSCI EAFE Local Currency	-1.58	10.70	20.26	7.12	8.59	7.02	7.77
MSCI EAFE Growth NetDiv	-6.17	5.33	23.28	-1.29	5.63	5.36	6.02
MSCI EAFE Value NetDiv	-4.70	8.44	22.75	6.64	6.47	4.19	4.28
MSCI EM NetDiv	-4.45	11.66	25.32	-1.43	3.93	2.47	3.43
Fixed Income							
ICE BofA 1-3 Yr Treasury	-0.59	3.55	5.76	1.24	1.33	1.63	1.33
Bloomberg Municipal	-1.46	0.81	9.70	-0.30	1.05	1.98	2.30
Bloomberg US Aggregate	-2.48	1.86	10.55	-2.20	-0.23	1.10	1.49
Bloomberg Gov't Bond	-2.36	1.40	8.37	-2.48	-0.65	0.75	1.02
Bloomberg US Credit	-2.41	2.69	13.07	-1.99	0.46	1.92	2.43
Bloomberg 10 Yr Municipal	-1.65	-0.65	7.42	-0.30	1.05	1.98	2.36
Bloomberg US Corp High Yield	-0.54	7.42	16.47	2.97	4.55	4.56	4.86
FTSE World Govt Bond	-3.46	-0.84	8.37	-5.40	-2.85	-1.01	-0.47
Bloomberg Global Aggregate	-3.35	0.12	9.54	-4.08	-1.64	-0.17	0.23
Bloomberg Multiverse	-3.26	0.42	9.88	-3.79	-1.43	-0.03	0.40
Real Assets							
Bloomberg Commodity	-1.85	3.89	-1.18	2.15	6.96	4.27	-0.08
Cash and Equivalents							
US T-Bills 90 Day	0.38	4.43	5.39	3.63	2.36	2.27	1.69

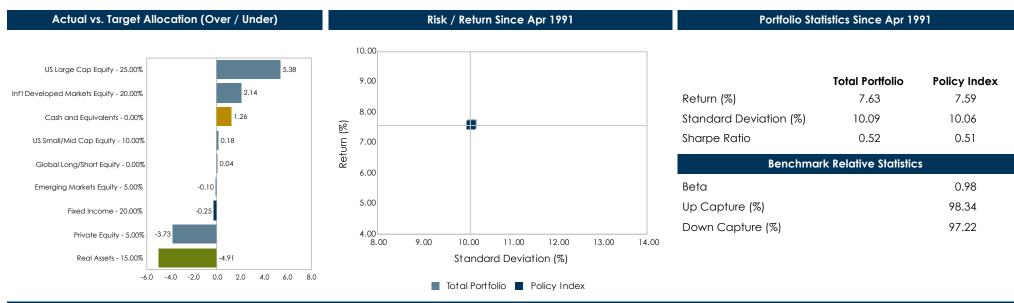
Oklahoma Municipal Retirement Fund - Defined Benefit Plan

**Defined Benefit Plan Performance** 

# Performance vs. Objectives

	Benchmark (%)	Rank	Total Portfolio (%)	Rank	Objective Met?	Benchmark (%)	Rank	Total Portfolio (%)	Rank	Objective Met?
			5 Years					10 Years		
The Pension Plan gross annualized total return should equal or exceed the Plan's actuarial interest rate assumption.	7.25		8.64		Yes	7.25		7.79		Yes
The Pension Plan gross annualized total return should equal or exceed the annualized total return of the policy index.	8.27		8.64		Yes	7.32		7.79		Yes
• The Pension Plan gross annualized total return should rank at median or above when compared to a universe of total fund portfolios with a similar allocation to equities (55%-70%).	8.58	50th	8.64	48th	Yes	7.42	50th	7.79	35th	Yes
<ul> <li>Gross volatility or standard deviation should be in line with that of the Policy Index.</li> </ul>	12.87		12.10		Yes	10.63		9.89		Yes

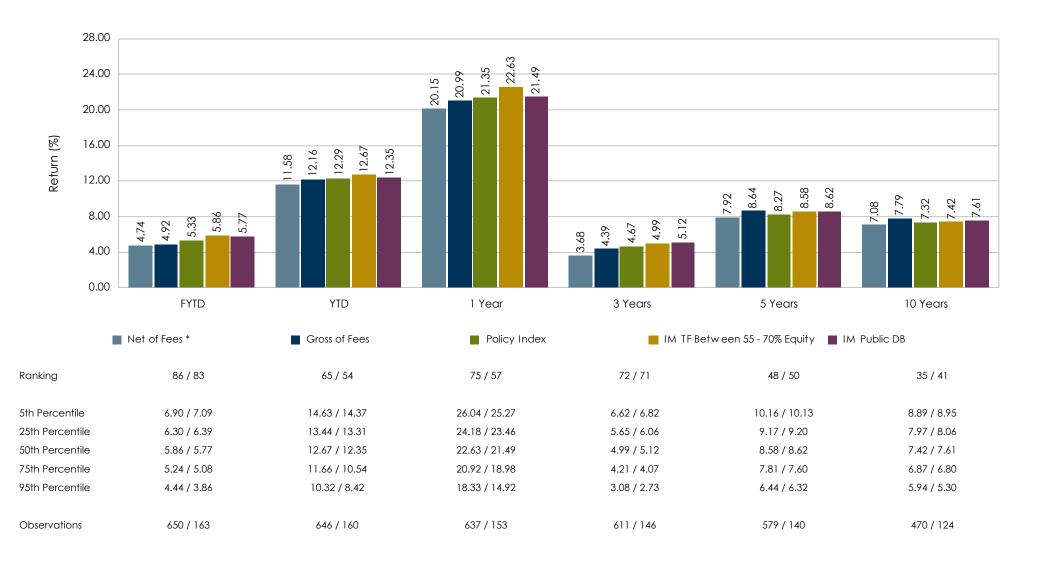
### **Total Portfolio**



Performance by Broad Asset Class	Market Value (\$000s)	Actual Allocation (%)	Target Allocation (%)	FYTD (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Incp. (%)
Total Portfolio (04/91)	782,261	100.00	100.00	4.92	12.16	20.99	4.39	8.64	7.79	7.63
Policy Index				5.33	12.29	21.35	4.67	8.27	7.32	7.59
Equity (10/10)	539,015	68.90	65.00	5.63	16.96	29.83	7.02	12.23	10.17	11.02
MSCI ACWI NetDiv				6.61	18.66	31.76	8.09	12.19	9.39	9.70
Fixed Income (06/03)	154,483	19.75	20.00	5.34	6.54	13.63	1.27	2.77	3.27	4.49
Bloomberg US Aggregate				5.20	4.45	11.57	-1.39	0.33	1.84	3.18
Real Assets (09/11)	78,911	10.09	15.00	0.02	-4.67	-11.30	-2.23	2.03	5.97	7.93
NFI ODCE Net				0.03	-3.19	-8.03	-1.04	2.05	5.16	6.76
Cash and Equivalents (09/11)	9,852	1.26	0.00	1.29	3.91	5.26	3.35	2.16	1.50	1.16

**Total Portfolio** 

For the Periods Ending September 30, 2024



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

<sup>\*</sup> Performance is calculated using net of fee returns.
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# Rates of Return Summary & Universe Rankings

	Market Value (\$000s)	Actual Allocation (%)	FYTD (%)	Rank	YTD (%)	Rank	1 Year (%)	Rank	3 Years (%)	Rank	5 Years (%)	Rank	10 Years (%)
Total Portfolio (04/91)	782,261	100.00	4.92	86 / 83	12.16	65 / 54		75 / 57		72 / 71	8.64	48 / 50	7.79
Policy Index <sup>1</sup>			5.33		12.29		21.35		4.67		8.27		7.32
IM TF Between 55 - 70% Equity			5.86		12.67		22.63		4.99		8.58		7.42
IM Public DB			5.77		12.35		21.49		5.12		8.62		7.61
Equity (10/10)	539,015	68.90	5.63		16.96		29.83		7.02		12.23		10.17
MSCI ACWI NetDiv			6.61		18.66		31.76		8.09		12.19		9.39
US Equity (06/00)	317,266	40.56	6.10		18.58		32.20		10.16		14.75		12.51
Russell 3000			6.23		20.63		35.19		10.29		15.26		12.83
US Large Cap Equity (09/04)	237,616	30.38	5.88		22.07		36.36		11.93		16.04		13.42
S&P 500			5.89		22.08		36.35		11.91		15.98		13.38
SSgA S&P 500 Non-Lending (02/10)	237,616	30.38	5.88	52	22.07	36	36.36	39	11.93	38	15.98	34	13.41
S&P 500			5.89		22.08		36.35		11.91		15.98		13.38
eA US Large Cap Core Equity			5.92		20.60		34.70		11.04		15.13		12.85
US Small/Mid Cap Equity	79,650	10.18											
River Road Small Cap Value (04/16)	38,999	4.99	5.02	91	7.52	79	16.81	92	8.68	35	10.67	63	
Russell 2000 Value			10.15		9.22		25.88		3.77		9.29		8.22
eA US Small Cap Value Equity			8.57		10.90		25.05		7.20		11.55		9.63
William Blair SMid Growth (11/22)	40,651	5.20	9.07	21	11.05	59	25.09	55					
Russell 2500 Growth			6.99		11.20		25.20		-0.75		9.75		9.98
eA US Small-Mid Cap Growth Equity			7.01		12.46		25.77		0.01		11.94		11.40
Non-US Equity (06/00)	211,509	27.04	5.18		15.06		27.19		3.50		9.87		7.73
MSCI ACWI ex US NetDiv			8.06		14.21		25.35		4.14		7.59		5.22
International Developed Market	173,179	22.14											
Artisan International Value (05/10)	60,662	7.75	8.41	42	15.51	22	28.10	18	12.27	2	13.96	2	9.66
MSCI EAFE NetDiv			7.26		12.99		24.77		5.48		8.20		5.71
eA EAFE All Cap Equity			7.91		13.44		24.73		5.36		8.89		6.48

# Rates of Return Summary & Universe Rankings

	Market Value (\$000s)	Actual Allocation (%)	FYTD (%)	Rank	YTD (%)	Rank	1 Year (%)	Rank	3 Years (%)	Rank	5 Years (%)	Rank	10 Years (%)
Ninety One International Dynamic Fund (03/15)	57,854	7.40	3.28	97	12.73	69	25.63	51	2.26	79	8.48	61	
MSCI ACWI ex US NetDiv			8.06		14.21		25.35		4.14		7.59		5.22
eA ACWI ex-US Core Equity			7.25		14.19		25.66		4.56		9.09		6.70
WCM Focused Int'l Growth (03/15)	54,662	6.99	5.14	70	16.65	17	30.45	19	1.39	38	11.49	16	
MSCI ACWI ex US NetDiv			8.06		14.21		25.35		4.14		7.59		5.22
eA ACWI ex-US Growth Equity			6.67		12.45		25.89		0.03		8.45		7.64
Emerging Markets Equity (03/15)	38,330	4.90	3.23		15.68		23.74		-5.06		2.03		
MSCI EM NetDiv			8.72		16.86		26.05		0.40		5.75		4.02
Axiom Emerging Markets (02/23)	38,330	4.90	3.23	93	15.68	52	23.74	64					
MSCI EM NetDiv			8.72		16.86		26.05		0.40		5.75		4.02
eA Global Emerging Mkts Equity			7.46		15.84		24.99		1.38		6.98		5.35
Global Long/Short Equity (09/11) <sup>2</sup>	340	0.04	1.41		-2.59		3.67		-4.19		3.66		4.35
MSCI ACWI NetDiv			6.61		18.66		31.76		8.09		12.19		9.39
HFRI FOF: Strategic			3.24		9.38		14.79		1.60		5.84		3.88
Private Equity (05/23)	9,900	1.27	0.00		8.07		11.95						
Fixed Income (06/03)	154,483	19.75	5.34		6.54		13.63		1.27		2.77		3.27
Bloomberg US Aggregate			5.20		4.45		11.57		-1.39		0.33		1.84
JP Morgan Fixed Income (06/91)	48,400	6.19	5.44	15	5.53	15	12.26	50	-0.58	24	1.17	30	2.54
Bloomberg US Aggregate			5.20		4.45		11.57		-1.39		0.33		1.84
eA US Core Fixed Income			5.23		4.99		12.26		-0.89		0.97		2.34
Amundi Pioneer Core Plus Bond Fund (11/11)	50,860	6.50	6.45	4	7.58	4	16.17	3	1.15	8	3.21	4	3.44
Bloomberg Universal			5.20		4.91		12.08		-1.05		0.70		2.15
eA US Core Plus Fixed Income			5.36		5.61		13.09		-0.55		1.53		2.83
BlackRock Strategic Income Opportunities (07/17)	55,223	7.06	4.41	55	6.44	50	12.48	59	2.94	33	4.02	35	
Bloomberg US Aggregate			5.20		4.45		11.57		-1.39		0.33		1.84
eA Global Unconstrained Fixed Income			4.55		6.41		13.06		2.18		3.31		3.18

# Rates of Return Summary & Universe Rankings

For the Periods Ending September 30, 2024

	Market Value (\$000s)	Actual Allocation (%)	FYTD (%)	Rank	YTD (%)	Rank	1 Year (%)	Rank	3 Years (%)	Rank	5 Years (%)	Rank	10 Years (%)
Real Assets (09/11)	78,911	10.09	0.02		-4.67		-11.30		-2.23		2.03		5.97
NFI ODCE Net			0.03		-3.19		-8.03		-1.04		2.05		5.16
JP Morgan Special Situation Property (02/07)	18,448	2.36	0.00		-9.87		-19.91		-9.28		-1.92		4.90
NFI ODCE Net			0.03		-3.19		-8.03		-1.04		2.05		5.16
JP Morgan Strategic Property (05/07)	32,720	4.18	0.82		-3.43		-10.58		-2.18		1.67		5.12
NFI ODCE Net			0.03		-3.19		-8.03		-1.04		2.05		5.16
Clarion Lion Industrial Trust (07/22)	27,743	3.55	-0.89		-2.33		-5.03						
NFI ODCE Net			0.03		-3.19		-8.03		-1.04		2.05		5.16
Cash and Equivalents (09/11)	9,852	1.26	1.29		3.91		5.26		3.35		2.16		1.50

### Notes:

<sup>1</sup> Policy Index: Effective March 2024, the index consists of 65.00% MSCI ACWI NetDiv, 20.00% Bloomberg US Aggregate, 15.00% NFI ODCE Net.

<sup>&</sup>lt;sup>2</sup> Performance is net of manager fees.

Oklahoma Municipal Retirement Fund - Defined Benefit Plan

**Balanced Fund Managers** 

# SSgA S&P 500 Non-Lending

For the Periods Ending September 30, 2024

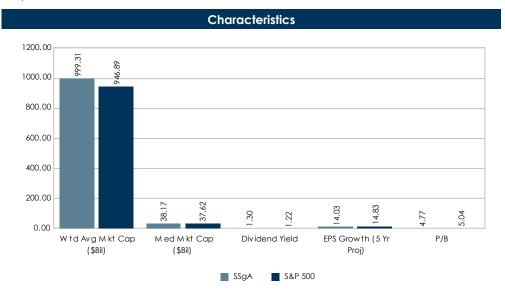
### **Account Description**

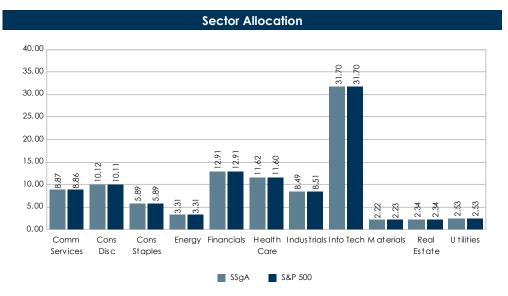
- Strategy US Large Cap Equity
- Vehicle Non-Mutual Commingled
- Benchmark S&P 500
- Performance Inception Date February 2010
- Fees 1 bp

### **Performance Goals**

• Mirror the risk and return profile of the S&P 500 over all time periods.

# Dollar Growth Summary (\$000s) 3 Months YTD Beginning Market Value 239,693 223,223 Net Additions -15,541 -30,691 Return on Investment 13,464 45,084 Ending Market Value 237,616 237,616

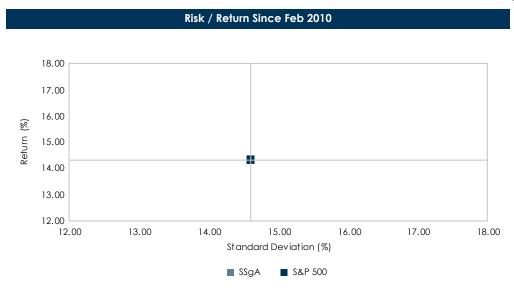




Characteristic and allocation charts represents data of the State Street S&P 500 Flagship Non-Lending Fund (Non-Mutual Commingled). Sector weights may not add to 100% due to securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

# SSgA S&P 500 Non-Lending

For the Periods Ending September 30, 2024



# Portfolio Statistics Since Feb 2010

	SSgA	S&P 500
Return (%)	14.35	14.32
Standard Deviation (%)	14.60	14.60
Sharpe Ratio	0.91	0.90

	Benchmark Relative Statistics	
Beta	1.00	
R Squared (%)	100.00	
Alpha (%)	0.03	
Tracking Error (%)	0.04	
Batting Average (%)	59.66	
Up Capture (%)	100.10	
Down Capture (%)	99.96	

### Growth of a Dollar Since Feb 2010

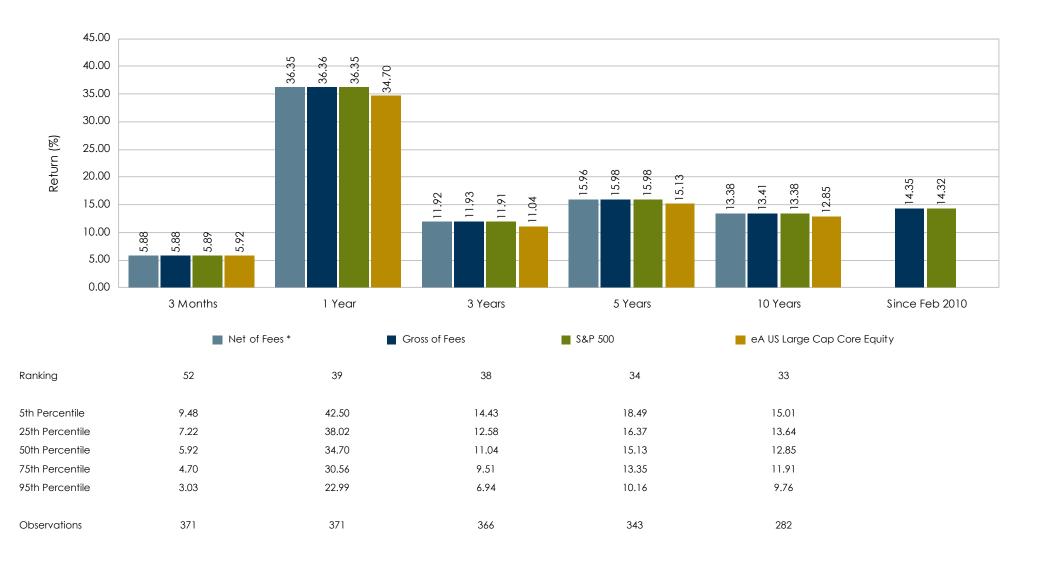


### Return Analysis Since Feb 2010

SSgA	S&P 500
176	176
12.82	12.82
-12.37	-12.35
123	123
53	53
69.89	69.89
	176 12.82 -12.37 123 53

# SSgA S&P 500 Non-Lending

For the Periods Ending September 30, 2024



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

<sup>\*</sup> Performance is calculated using net of fee returns.
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# **River Road Small Cap Value**

For the Periods Ending September 30, 2024

### **Account Description**

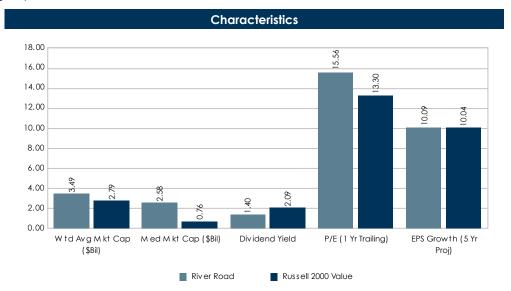
- Strategy US Small/Mid Cap Value
- Vehicle Separately Managed Account
- Benchmark Russell 2000 Value
- Performance Inception Date April 2016
- Fees First \$10M at 95 bps; next \$15M at 90 bps; next \$25M at 85 bps

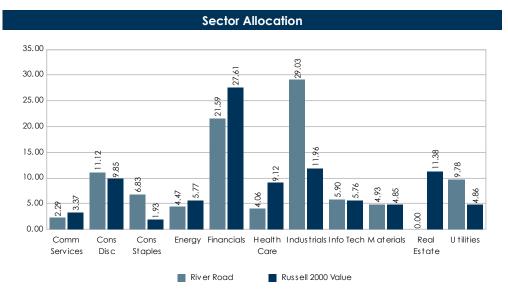
### **Performance Goals**

- Outperform the Russell 2000 Value over a complete market cycle (typically 3 to 5 years).
- Rank above median in the eA US Small Cap Value Equity universe over a complete market cycle (3 to 5 years).

# Dollar Growth Summary (\$000s)

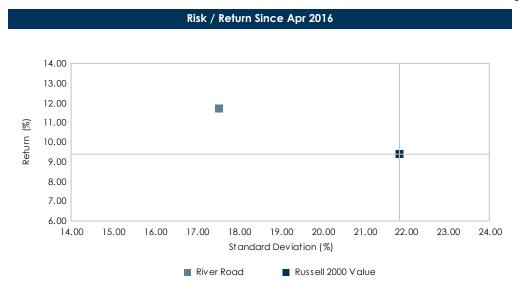
	3 Months	YTD
Beginning Market Value	37,236	36,582
Net Additions	-108	-324
Return on Investment	1,871	2,741
Income	167	485
Gain/Loss	1,704	2,256
Ending Market Value	38,999	38,999





# **River Road Small Cap Value**

For the Periods Ending September 30, 2024

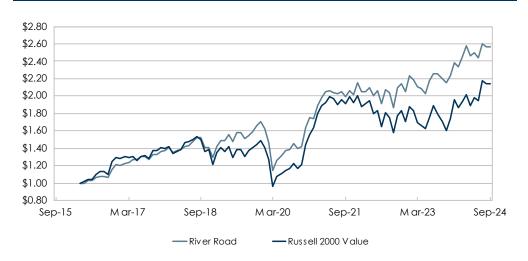


### Portfolio Statistics Since Apr 2016

	River Road	Russell 2000 Value
Return (%)	11.70	9.37
Standard Deviation (%)	17.53	21.85
Sharpe Ratio	0.56	0.34

Benchmark Relative Statistics				
Beta	0.76			
R Squared (%)	90.36			
Alpha (%)	4.06			
Tracking Error (%)	7.52			
Batting Average (%)	53.92			
Up Capture (%)	78.42			
Down Capture (%)	74.32			

### Growth of a Dollar Since Apr 2016

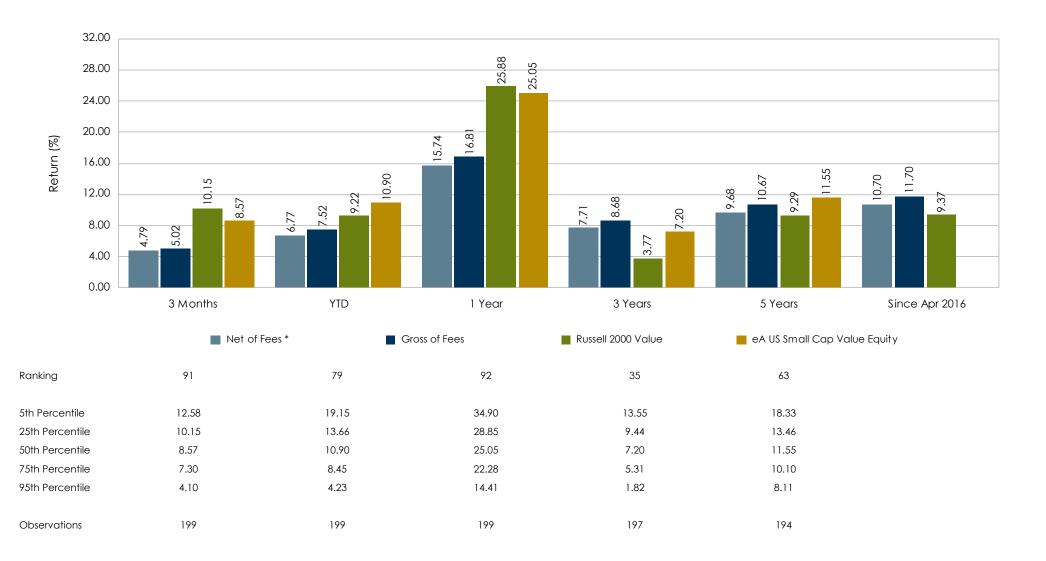


### Return Analysis Since Apr 2016

	River Road	Russell 2000 Value
Number of Months	102	102
Highest Monthly Return (%)	15.86	19.31
Lowest Monthly Return (%)	-22.26	-24.67
Number of Positive Months	59	64
Number of Negative Months	43	38
% of Positive Months	57.84	62.75

# **River Road Small Cap Value**

For the Periods Ending September 30, 2024



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

<sup>\*</sup> Performance is calculated using net of fee returns.
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### William Blair SMid Growth

For the Periods Ending September 30, 2024

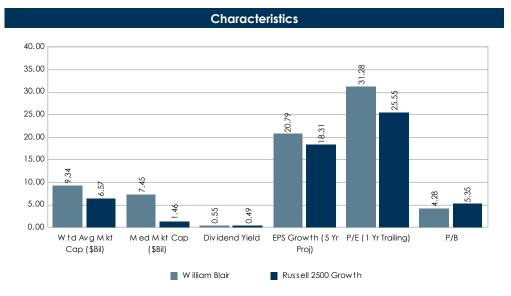
### **Account Description**

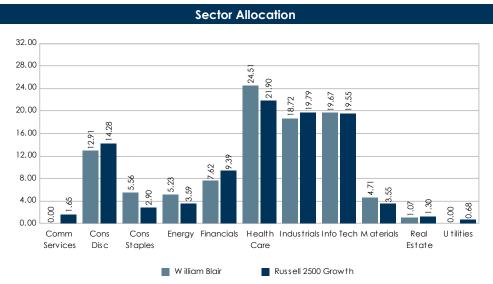
- Strategy US Small/Mid Cap Growth
- Vehicle Non-Mutual Commingled
- Benchmark Russell 2500 Growth
- Performance Inception Date November 2022
- **Fees** 85 bps

### **Performance Goals**

- Exceed the return of the Russell 2500 Growth over a complete market cycle (3 to 5 years).
- Rank above median in the eA US Small-Mid Cap Growth Equity universe over a complete market cycle (3 to 5 years).

# Beginning Market Value 37,390 36,912 Net Additions -125 -319 Return on Investment 3,387 4,058 Ending Market Value 40,651 40,651



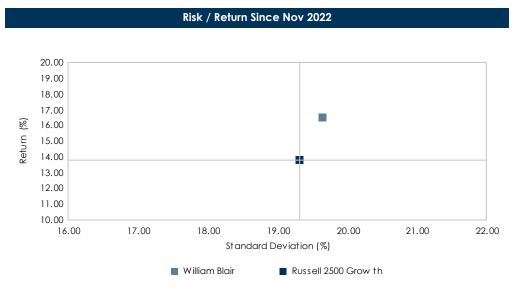


Characteristic and allocation charts represents the composite data of the William Blair SMid Growth.

Sector weights may not add to 100% due to securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

### William Blair SMid Growth

For the Periods Ending September 30, 2024

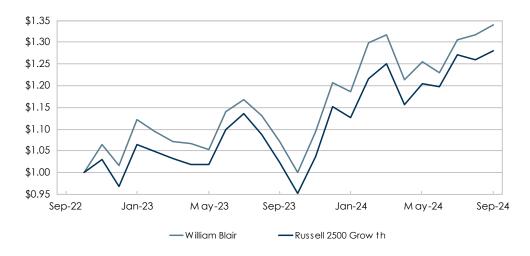


# Portfolio Statistics Since Nov 2022

	William Blair	Russell 2500 Growth
Return (%)	16.52	13.78
Standard Deviation (%)	19.65	19.32
Sharpe Ratio	0.58	0.45

Benchmark Relative Statistics			
Beta	1.00		
R Squared (%)	95.79		
Alpha (%)	2.56		
Tracking Error (%)	4.03		
Batting Average (%)	60.87		
Up Capture (%)	105.76		
Down Capture (%)	96.13		
,			

### Growth of a Dollar Since Nov 2022

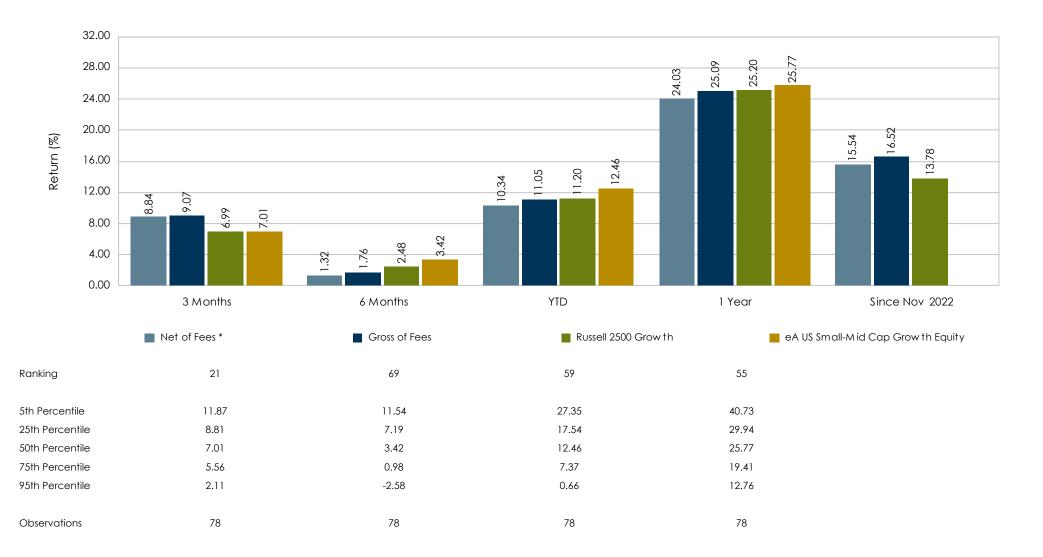


### Return Analysis Since Nov 2022

	William Blair	Russell 2500 Growth
Number of Months	23	23
Highest Monthly Return (%)	10.61	11.14
Lowest Monthly Return (%)	-7.88	-7.45
Number of Positive Months	12	11
Number of Negative Months	11	12
% of Positive Months	52.17	47.83

### William Blair SMid Growth

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### **Artisan International Value**

For the Periods Ending September 30, 2024

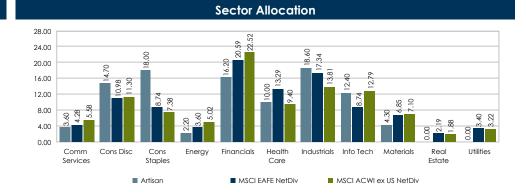
### **Account Description**

- Strategy Int'l Developed Markets Equity
- Vehicle Mutual Fund: Institutional Class (APHKX)
- Benchmarks MSCI EAFE NetDiv and MSCI ACWI ex US NetDiv
- Performance Inception Date May 2010
- Expense Ratio 103 bps

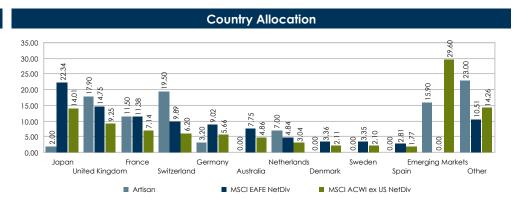
### **Performance Goals**

- Exceed the returns of the MSCI EAFE NetDiv over a complete market cycle (3 to 5 years).
- Rank above the median in the eA EAFE All Cap Equity universe over a complete market cycle (3 to 5 years).

### Characteristics 140.00 120.00 100.00 80.00 60.00 40.00 20.00 0.00 Wtd Avg Mkt Cap (\$Bil) P/E (1 Yr Trailing) EPS Growth (5 Yr Proj) P/B Artisan ■ MSCI EAFE NetDiv ■ MSCI ACWI ex US NetDiv

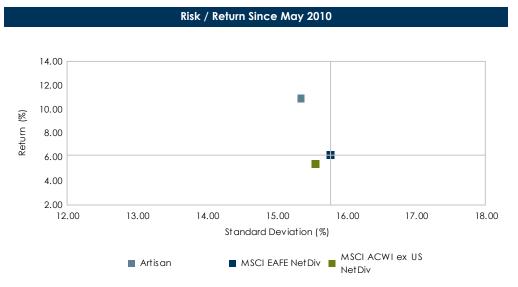


## Net Dollar Growth Summary (\$000s) 3 Months YTD Beginning Market Value 56,098 52,996 Net Additions 0 -75 Return on Investment 4,565 7,741 Ending Market Value 60,662 60,662



### **Artisan International Value**

For the Periods Ending September 30, 2024



### Portfolio Statistics Since May 2010

	Artisan	MSCI EAFE NetDiv	MSCI ACWI ex US NetDiv
Return (%)	10.88	6.15	5.40
Standard Deviation (%)	15.35	15.78	15.57
Sharpe Ratio	0.63	0.32	0.27

Benchmark Relative Statistics			
Beta	0.93	0.93	
R Squared (%)	90.51	89.52	
Alpha (%)	4.97	5.65	
Tracking Error (%)	4.87	5.08	
Batting Average (%)	58.38	61.27	
Up Capture (%)	102.00	106.87	
Down Capture (%)	82.25	82.99	

### Growth of a Dollar Since May 2010

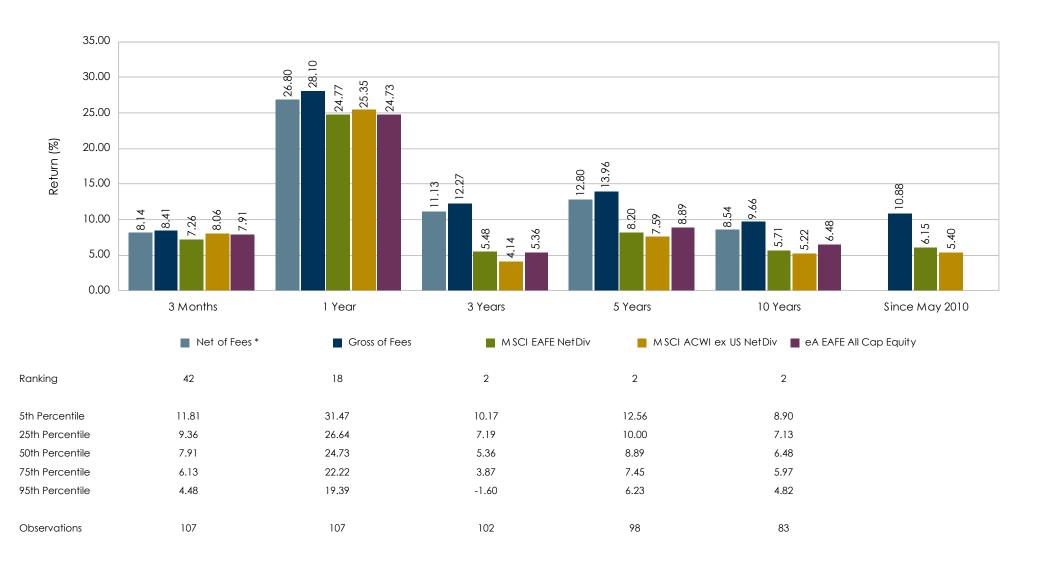


### Return Analysis Since May 2010

	Artisan	MSCI EAFE NetDiv	MSCI ACWI ex US NetDiv
Number of Months	173	173	173
Highest Monthly Return (%)	16.60	15.50	13.45
Lowest Monthly Return (%)	-19.43	-13.35	-14.48
Number of Positive Months	100	99	100
Number of Negative Months	73	74	73
% of Positive Months	57.80	57.23	57.80

### **Artisan International Value**

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### Ninety One International Dynamic Fund

For the Periods Ending September 30, 2024

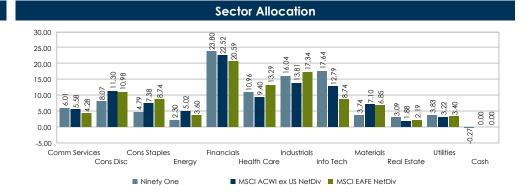
### **Account Description**

- Strategy Int'l Developed Markets Equity
- Vehicle Non-Mutual Commingled
- Benchmarks MSCI ACWI ex US NetDiv and MSCI EAFE NetDiv
- Performance Inception Date March 2015
- **Fees** 35 bps

### **Performance Goals**

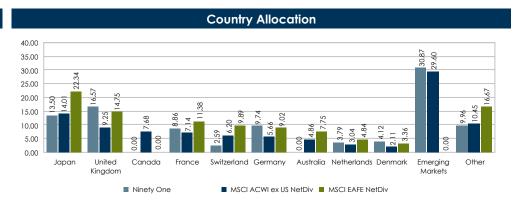
- Exceed the returns of the MSCI ACWI ex US NetDiv over a complete market cycle (3 to 5 years).
- Rank above the median in the eA ACWI ex-US Core Equity universe over a complete market cycle (3 to 5 years).

# Characteristics 200.00 160.00 160.00 100.00



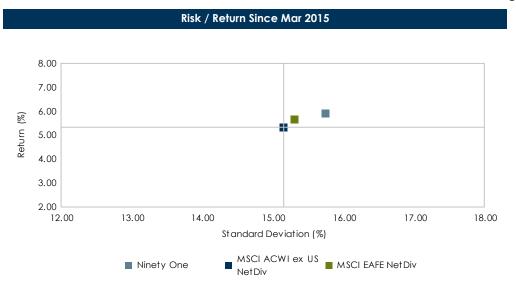
Donai Crowni Sommary (\$6003)		
		·
	3 Months	YTD
Beginning Market Value	56,054	51,556
Net Additions	-38	-243
Return on Investment	1,839	6,541
Ending Market Value	57,854	57,854

**Dollar Growth Summary (\$000s)** 



### Ninety One International Dynamic Fund

For the Periods Ending September 30, 2024



MSCI ACWI ex

**US NetDiv** 

Standard Deviation (%)	15.75	15.15	15.31
Sharpe Ratio	0.27	0.24	0.26
Benchmark Relative Statistics			

Portfolio Statistics Since Mar 2015

**Ninety One** 

benchmo	ark Relative Statistics	
Beta	1.00	0.97
R Squared (%)	92.43	89.55
Alpha (%)	0.67	0.50
Tracking Error (%)	4.33	5.11
Batting Average (%)	53.04	55.65
Up Capture (%)	101.48	97.06
Down Capture (%)	98.73	96.37

### Growth of a Dollar Since Mar 2015



### Return Analysis Since Mar 2015

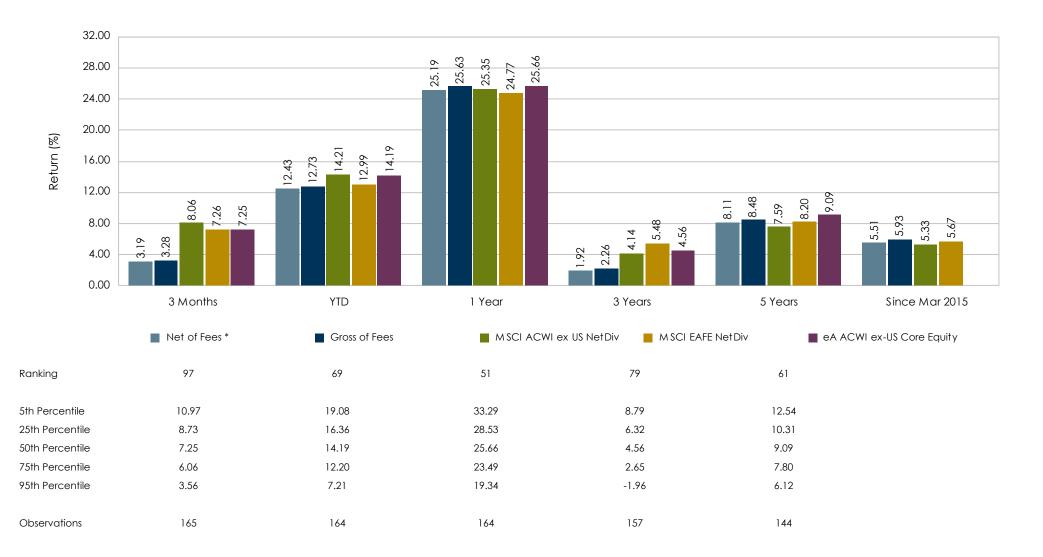
	Ninety One	MSCI ACWI ex US NetDiv	MSCI EAFE NetDiv
Number of Months	115	115	115
Highest Monthly Return (%)	12.16	13.45	15.50
Lowest Monthly Return (%)	-16.64	-14.48	-13.35
Number of Positive Months	68	67	67
Number of Negative Months	47	48	48
% of Positive Months	59.13	58.26	58.26

**MSCI EAFE** 

NetDiv

### Ninety One International Dynamic Fund

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### **WCM Focused Int'l Growth**

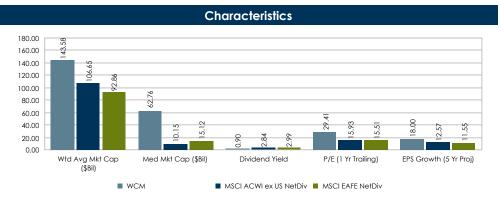
For the Periods Ending September 30, 2024

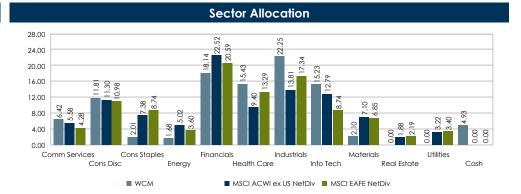
### **Account Description**

- Strategy Int'l Developed Markets Equity
- Vehicle Non-Mutual Commingled
- Benchmarks MSCI ACWI ex US NetDiv and MSCI EAFE NetDiv
- Performance Inception Date March 2015
- **Fees** 70 bps

### **Performance Goals**

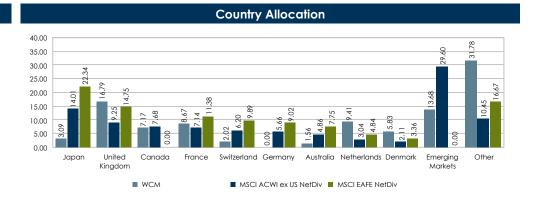
- Exceed the returns of the MSCI ACWI ex US NetDiv over a complete market cycle (3 to 5 years).
- Rank above the median in the eA ACWI ex-US Growth Equity universe over a complete market cycle (3 to 5 years)





Bollar Growni Schillary (40005)		
	3 Months	YTD
Beginning Market Value	52,078	47,100
Net Additions	-91	-266
Return on Investment	2,676	7,829
Ending Market Value	54,662	54,662

**Dollar Growth Summary (\$000s)** 



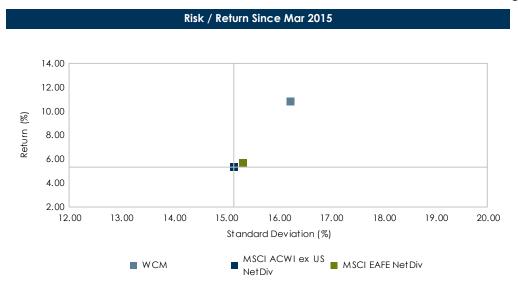
### **WCM Focused Int'l Growth**

For the Periods Ending September 30, 2024

Return (%)

**Sharpe Ratio** 

Standard Deviation (%)



### MSCI ACWI ex MSCI EAFE WCM US NetDiv NetDiv

5.33

15.15

0.24

5.67

15.31

0.26

	Benchmark Relative Statistics	
Beta	0.94	0.94
R Squared (%)	76.64	77.94
Alpha (%)	5.85	5.52
Tracking Error (%)	7.90	7.69
Batting Average (%)	59.13	60.00
Up Capture (%)	106.97	105.09
Down Capture (%)	82.59	82.73

Portfolio Statistics Since Mar 2015

10.84

16.23

0.56

### Growth of a Dollar Since Mar 2015

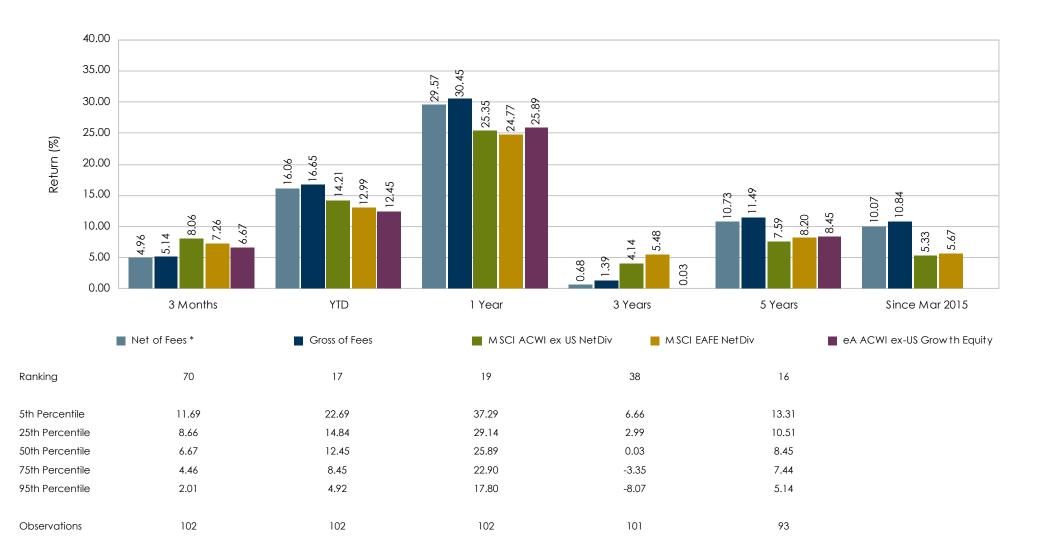


### Return Analysis Since Mar 2015

	WCM	MSCI ACWI ex US NetDiv	MSCI EAFE NetDiv
Number of Months	115	115	115
Highest Monthly Return (%)	11.94	13.45	15.50
Lowest Monthly Return (%)	-12.87	-14.48	-13.35
Number of Positive Months	74	67	67
Number of Negative Months	41	48	48
% of Positive Months	64.35	58.26	58.26

### **WCM Focused Int'l Growth**

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### **Axiom Emerging Markets**

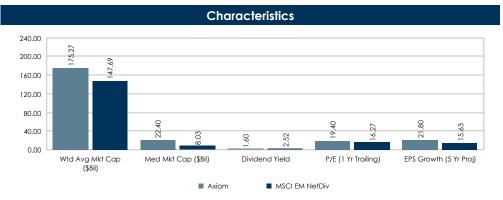
For the Periods Ending September 30, 2024

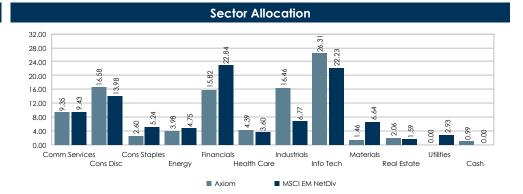
### **Account Description**

- Strategy Emerging Markets Equity
- Vehicle Non-Mutual Commingled
- Benchmark MSCI EM NetDiv
- Performance Inception Date February 2023
- **Fees** 75 bps

### **Performance Goals**

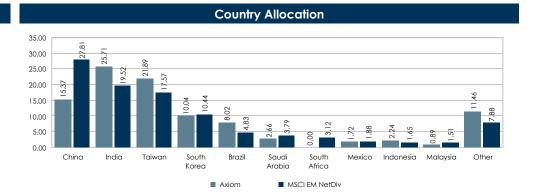
- Exceed the returns of the MSCI EM NetDiv over a complete market cycle (3 to 5 years).
- Rank above the median in the eA Global Emerging Mkts Equity universe over a complete market cycle (3 to 5 years).





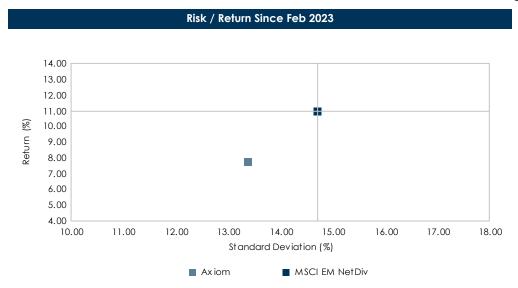
### 3 Months YTD Beginning Market Value 37,382 33,483 Net Additions -250 -382 Return on Investment 1,198 5,228 Ending Market Value 38,330 38,330

**Dollar Growth Summary (\$000s)** 



### **Axiom Emerging Markets**

For the Periods Ending September 30, 2024

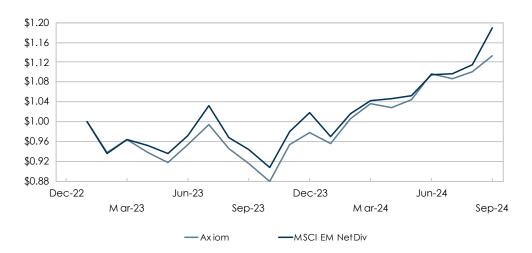


### Portfolio Statistics Since Feb 2023

	Axiom	MSCI EM NetDiv
Return (%)	7.75	10.98
Standard Deviation (%)	13.38	14.72
Sharpe Ratio	0.18	0.38

Benchmark Relative Statistics		
Beta	0.86	
R Squared (%)	89.91	
Alpha (%)	-1.56	
Tracking Error (%)	4.71	
Batting Average (%)	45.00	
Up Capture (%)	82.32	
Down Capture (%)	94.38	

### Growth of a Dollar Since Feb 2023

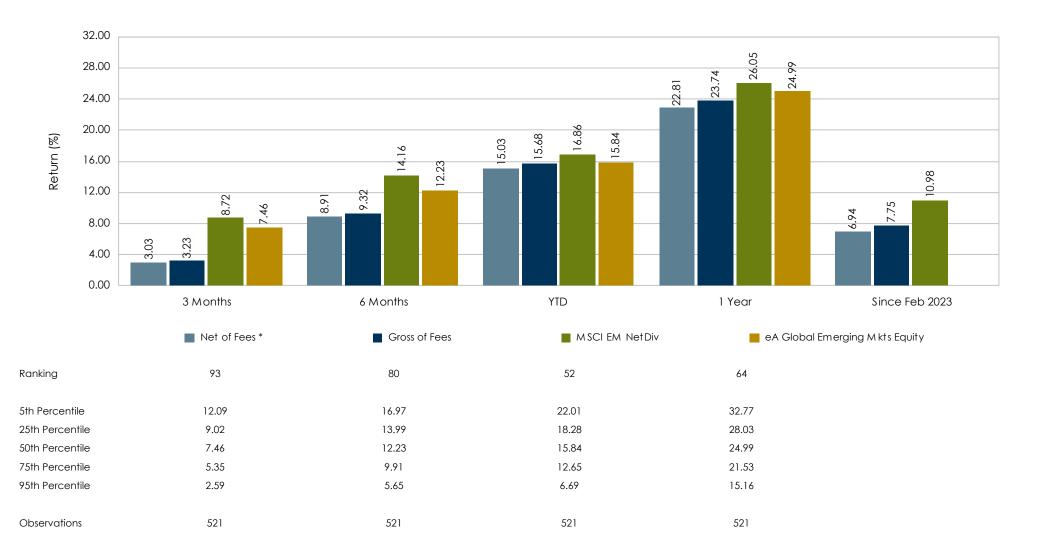


### Return Analysis Since Feb 2023

	Axiom	MSCI EM NetDiv
Number of Months	20	20
Highest Monthly Return (%)	8.34	8.00
Lowest Monthly Return (%)	-6.20	-6.48
Number of Positive Months	11	13
Number of Negative Months	9	7
% of Positive Months	55.00	65.00

### **Axiom Emerging Markets**

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### **Global Long/Short Equity**

For the Periods Ending September 30, 2024

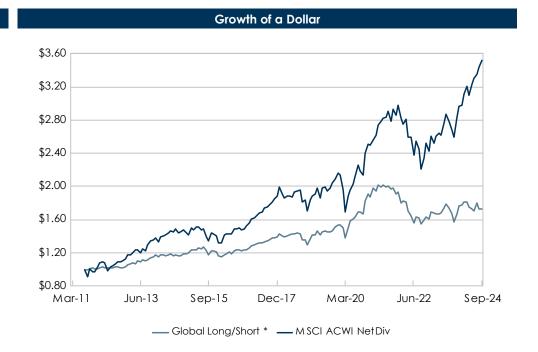
### **Account Description**

- Strategy Global Long/Short Equity
- Benchmark MSCI ACWI NetDiv
- This composite includes a combination of equity long/short managers that are diversified across geographies, sectors and market caps. The composite transitioned from a fund of funds strategy to a number of direct strategies in February 2014.
- Performance and statistics on the following Global Long/Short pages are presented net of fees.

### **Performance Goals**

Approximate the return of the MSCI ACWI NetDiv with 2/3 of the risk over longer-term time periods (greater than 5 years).

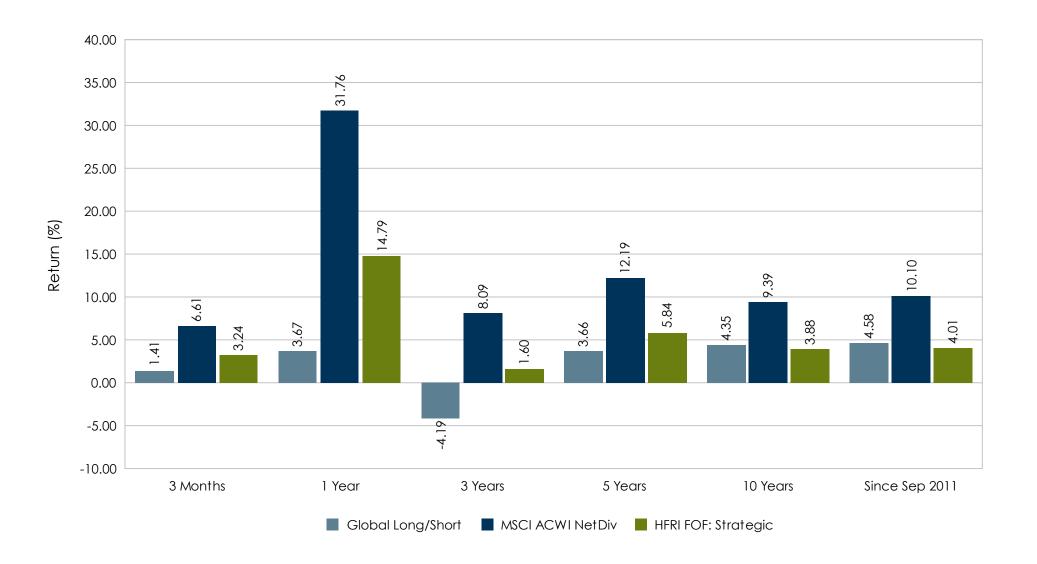
### Net Dollar Growth Summary (\$000s) 3 Months YTD Beginning Market Value 500 3,846 Net Additions -174 -3,461 Return on Investment 14 -45 Ending Market Value 340 340



<sup>\*</sup> Performance is calculated using net of fee returns.
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### Global Long/Short Equity

For the Periods Ending September 30, 2024



### **Private Equity**

For the Period Ending September 30, 2024

### Summary of Cash Flows for 3 Months

Cash Outflows	Cash Inflows	Net Cash Flows
-1,450,000	216,000	-1,234,000

Summary of Portfolio Inception to Date

	Inception		Drawn	Remaining	Distributions	Adjusted		Total Value to	Annualized
	Date	Committed	to Date	Commitment	to Date	Ending Value	Total Value	Paid-in	IRR (%)
Total	Apr-23	35,000,000	9,350,000	25,650,000	370,200	9,900,012	10,270,212	1.10x	7.84
Warburg Pincus Global Growth 14	Apr-23	20,000,000	9,350,000	10,650,000	370,200	9,900,012	10,270,212	1.10x	7.84
Berkshire XI		15,000,000	-	15,000,000	-	-	-	-	NM

### Cash Flow Activity for 3 Months

Fund Name	Date	Transaction Type	Cash Outflows	Cash Inflows	Net Cash Flows
Total			-1,450,000	216,000	-1,234,000
Warburg Pincus Global Growth 14	8/20/2024	Capital Call	-1,450,000	-	
Warburg Pincus Global Growth 14	9/10/2024	Distribution	-	216,000	

### JP Morgan Fixed Income

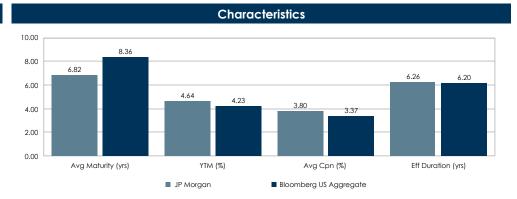
For the Periods Ending September 30, 2024

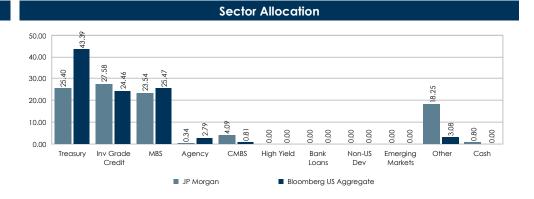
### **Account Description**

- **Strategy** US Investment Grade
- Vehicle Non-Mutual Commingled
- Performance Inception Date June 1991
- Benchmark Bloomberg US Aggregate
- Fees 30 bps

### **Performance Goals**

- Exceed the returns of the Bloomberg US Aggregate over a complete market cycle (3 to 5 years).
- Rank above median in the eA US Core Fixed Income universe over a complete market cycle (3 to 5 years).





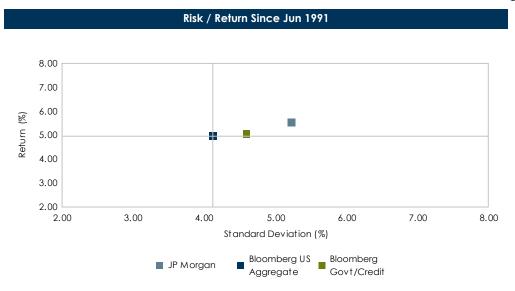
### **Dollar Growth Summary (\$000s)** 3 Months YTD **Beginning Market Value** 36,520 36,516 Net Additions 9.887 9,860 1.994 2,024 Return on Investment Income 435 1,196 1,559 828 Gain/Loss **Ending Market Value** 48,400 48,400





### JP Morgan Fixed Income

For the Periods Ending September 30, 2024

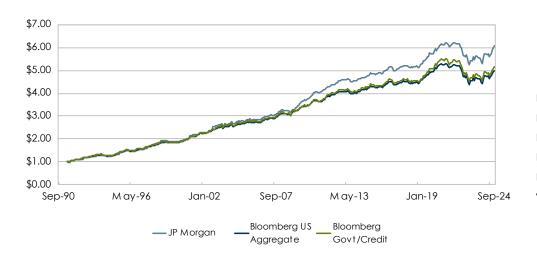


### Portfolio Statistics Since Jun 1991

	JP Morgan	Bloomberg US Aggregate	Bloomberg Govt/Credit
Return (%)	5.55	4.94	5.04
Standard Deviation (%)	5.23	4.12	4.59
Sharpe Ratio	0.60	0.62	0.58

Benchmark Relative Statistics			
Beta	0.82	0.73	
R Squared (%)	42.02	41.10	
Alpha (%)	1.51	1.89	
Tracking Error (%)	4.05	4.20	
Batting Average (%)	53.50	50.00	
Up Capture (%)	95.79	88.28	
Down Capture (%)	74.31	64.45	
Up Capture (%)	95.79	88.28	



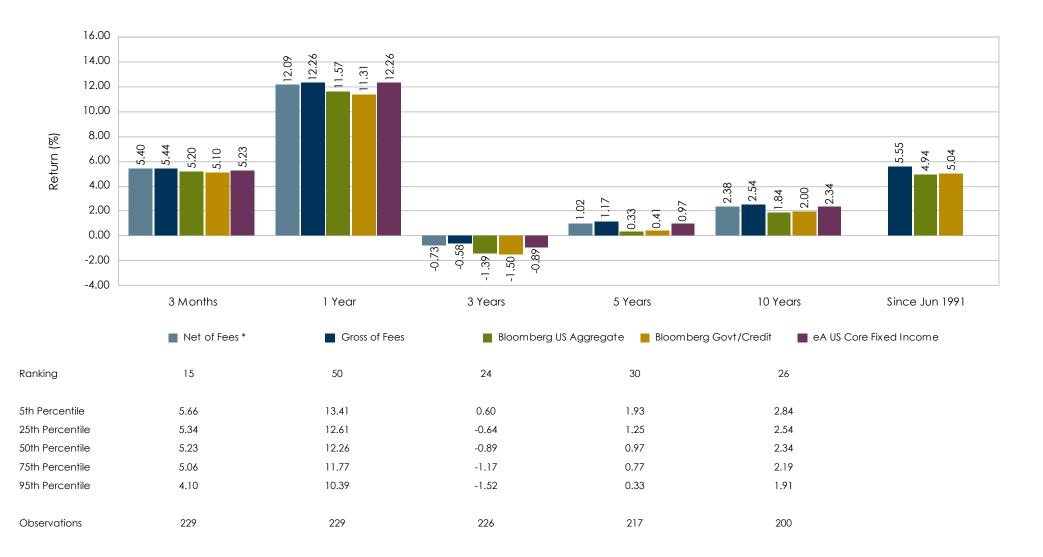


### Return Analysis Since Jun 1991

	JP Morgan	Bloomberg US Aggregate	Bloomberg Govt/Credit
Number of Months	400	400	400
Highest Monthly Return (%)	8.30	4.53	4.53
Lowest Monthly Return (%)	-4.88	-4.32	-4.19
Number of Positive Months	295	260	255
Number of Negative Months	105	140	145
% of Positive Months	73.75	65.00	63.75

### JP Morgan Fixed Income

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### **Amundi Pioneer Core Plus Bond Fund**

For the Periods Ending September 30, 2024

### **Account Description**

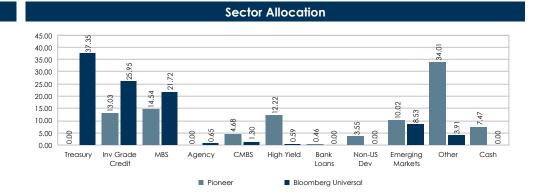
- Strategy Multi-Sector Fixed Income
- Vehicle Non-Mutual Commingled
- Benchmark Bloomberg Universal
- Performance Inception Date November 2011
- Fees 25 bps

### 28.00 24.00 21.00 20.00 17.00 16.00 12.00 8.00 6.24 5.96 4.50 4.08 3.61 4.00 0.00 Duration (yrs) Avg Quality YTM (%) Avg Cpn (%) Pioneer ■ Bloomberg Universal

**Characteristics** 

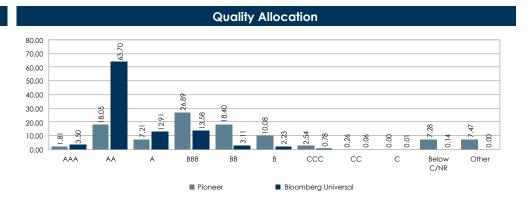
### **Performance Goals**

- Exceed the returns of the Bloomberg Universal over a complete market cycle (3 to 5 years).
- Rank above the median in the eA US Core Plus Fixed Income universe over a complete market cycle (3 to 5 years).



2011111 212 11111 201111111111111111111			
	3 Months	YTD	
	3 Monns	יוו	
Beginning Market Value	47,805	47,409	
Net Additions	-29	-137	
Return on Investment	3,084	3,587	
Ending Market Value	50,860	50,860	

**Dollar Growth Summary (S000s)** 



Characteristic and allocation charts represents the composite data of the Amundi Multi-Sector Fixed Income. The Other sector consists of ABS, CMO, Convertibles, Municipals, Private Placements/144As and TIPS.

### **Amundi Pioneer Core Plus Bond Fund**

For the Periods Ending September 30, 2024

### Risk / Return Since Nov 2011 8.00 7.00 6.00 5.00 4.00 3.00 2.00 1.00 0.00 3.00 4.00 5.00 7.00 8.00 2.00 6.00

Standard Deviation (%)

■ Bloomberg Universal

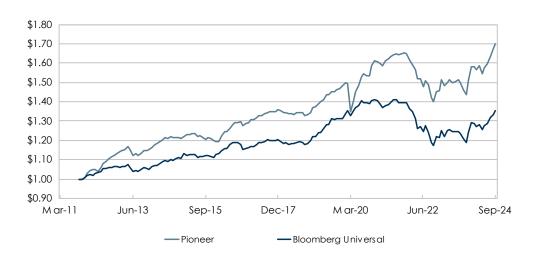
### Portfolio Statistics Since Nov 2011

	Pioneer	Bloomberg Universal
Return (%)	4.19	2.37
Standard Deviation (%)	5.65	4.46
Sharpe Ratio	0.52	0.25

Benchmark Relative Statistics			
Beta	1.03		
R Squared (%)	66.04		
Alpha (%)	1.77		
Tracking Error (%)	3.29		
Batting Average (%)	64.52		
Up Capture (%)	118.61		
Down Capture (%)	88.08		
Down Capture (%)	88.08		



Pioneer

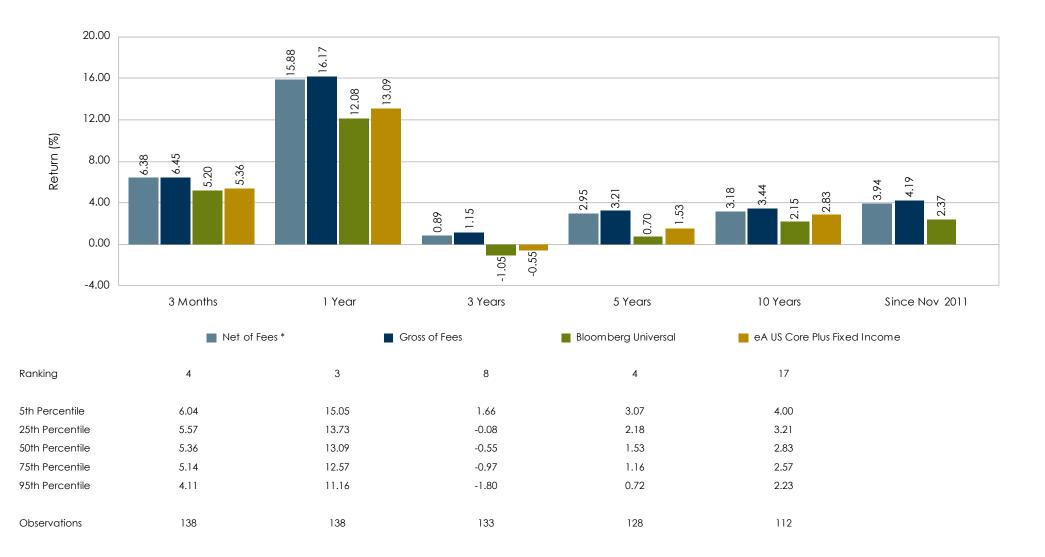


### Return Analysis Since Nov 2011

	Pioneer	Bloomberg Universal
Number of Months	155	155
Highest Monthly Return (%)	5.18	4.50
Lowest Monthly Return (%)	-9.88	-4.31
Number of Positive Months	106	93
Number of Negative Months	49	62
% of Positive Months	68.39	60.00

### **Amundi Pioneer Core Plus Bond Fund**

For the Periods Ending September 30, 2024



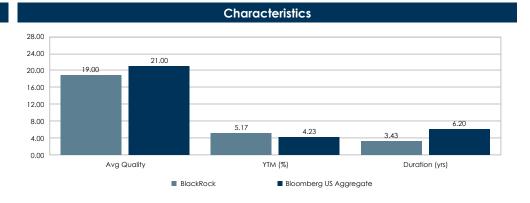
<sup>\*</sup> Performance is calculated using net of fee returns.
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### **BlackRock Strategic Income Opportunities**

For the Periods Ending September 30, 2024

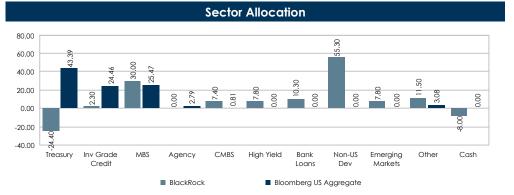
### **Account Description**

- Strategy Absolute Return
- Vehicle Mutual Fund: Institutional Class (BSIKX)
- **Benchmark** Bloomberg US Aggregate
- Performance Inception Date July 2017
- **Expense Ratio** 65 bps

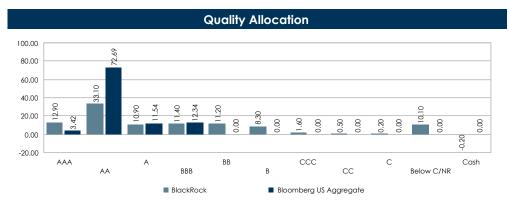


### **Performance Goals**

 Meet or exceed the targeted return of the Bloomberg US Aggregate over a complete market cycle (typically 3-5 years).



## Beginning Market Value 52,967 52,175 Net Additions -78 -297 Return on Investment 2,334 3,346 Ending Market Value 55,223 55,223

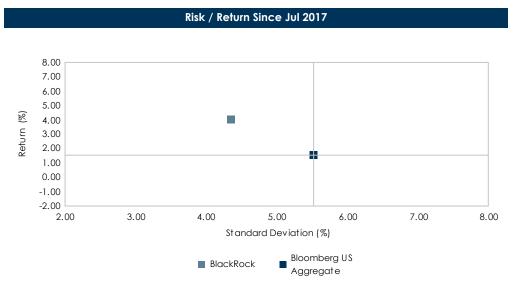


Characteristic and allocation charts represents the composite data of the BlackRock Strategic Income Opportunities.

The Other sector consists of ABS, CMO, Convertibles, Municipals, Private Placements/144As and TIPS.

### **BlackRock Strategic Income Opportunities**

For the Periods Ending September 30, 2024



### Portfolio Statistics Since Jul 2017

	BlackRock	Bloomberg US Aggregate
Return (%)	4.05	1.54
Standard Deviation (%)	4.34	5.52
Sharpe Ratio	0.44	-0.11

Benchmark Relative Statistics		
Beta	0.50	
R Squared (%)	39.91	
Alpha (%)	3.28	
Tracking Error (%)	4.36	
Batting Average (%)	64.37	
Up Capture (%)	72.44	
Down Capture (%)	30.76	

### Growth of a Dollar Since Jul 2017

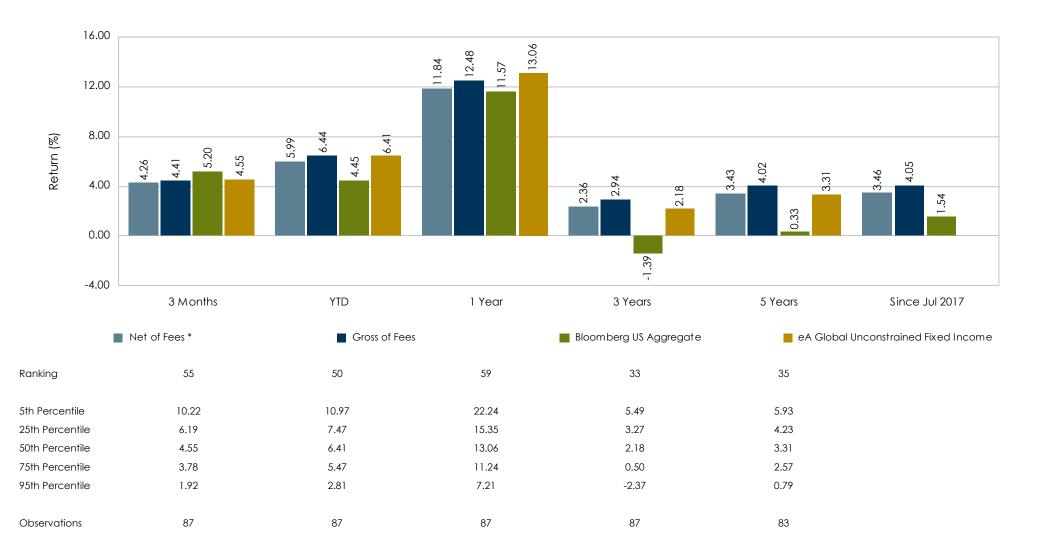


### Return Analysis Since Jul 2017

	BlackRock	Bloomberg US Aggregate
Number of Months	87	87
Highest Monthly Return (%)	3.04	4.53
Lowest Monthly Return (%)	-6.59	-4.32
Number of Positive Months	58	45
Number of Negative Months	29	42
% of Positive Months	66.67	51.72

### **BlackRock Strategic Income Opportunities**

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### JP Morgan Special Situation Property

For the Periods Ending September 30, 2024

### **Account Description**

- **Strategy** Core Real Estate
- Vehicle Non-Mutual Commingled
- Performance Inception Date February 2007
- Benchmark NFI ODCE Net
- **Fees** 125 bps; 62.5 bps on investor's pro-rata share of Debt; 15 bps on cash in excess of 5% reserve position; fee is capped at 160 bps

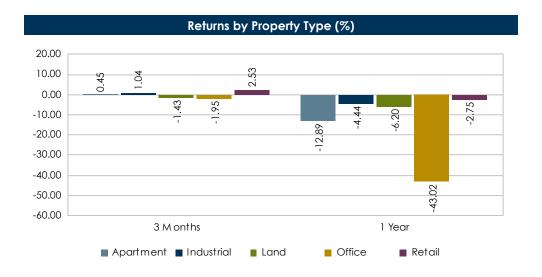
### **Performance Goals**

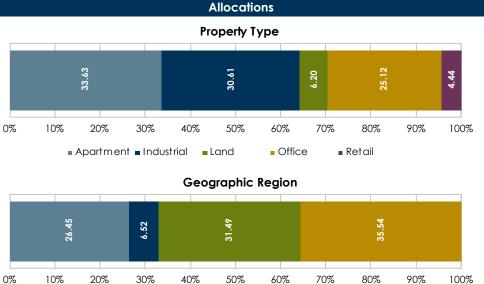
• Outperform the NFI ODCE Net by 100 basis points over 3 to 5 years.

### ■ Ending Market Value \$18,447,559

**Account Information** 

Fund Information		
Gross Market Value	\$6,765,164,561	
■ Net Market Value	\$3,042,116,169	
Cash Balance of Fund	\$115,493,688	
<ul><li>Quarter Income Return (%)</li></ul>	0.39	
# of Properties	69	
# of Participants	98	





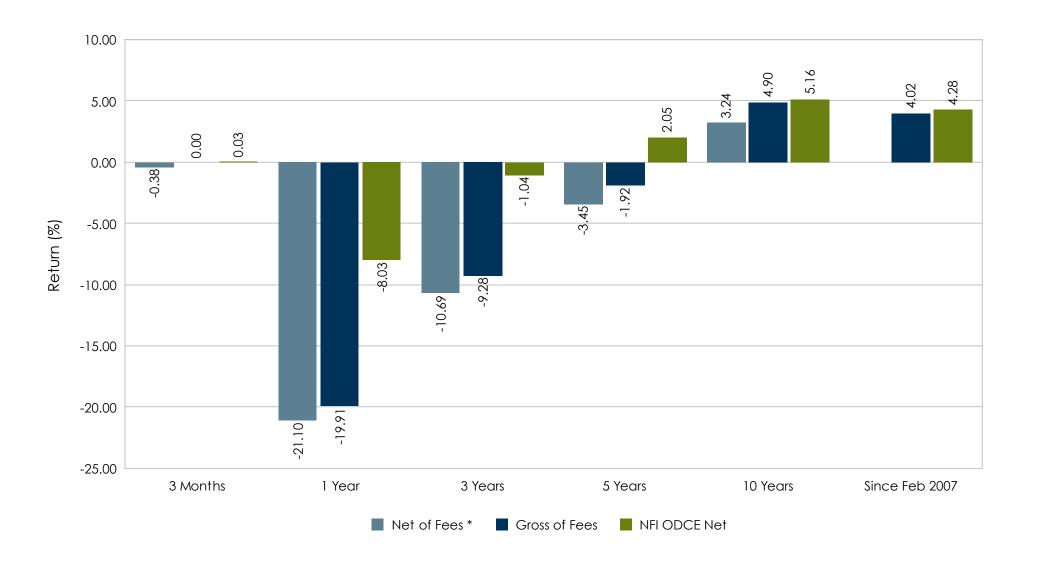
■ Midwest ■ South

West

East

### JP Morgan Special Situation Property

For the Periods Ending September 30, 2024



### JP Morgan Strategic Property

For the Periods Ending September 30, 2024

### **Account Description**

- **Strategy** Core Real Estate
- Vehicle Non-Mutual Commingled
- Performance Inception Date May 2007
- Benchmark NFI ODCE Net
- **Fees** 100 bps on first \$25M; 95 bps on next \$25M; 85 bps on next \$50M

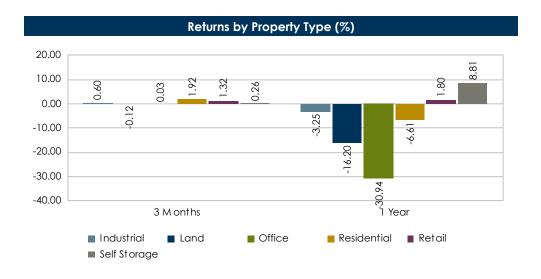
### **Performance Goals**

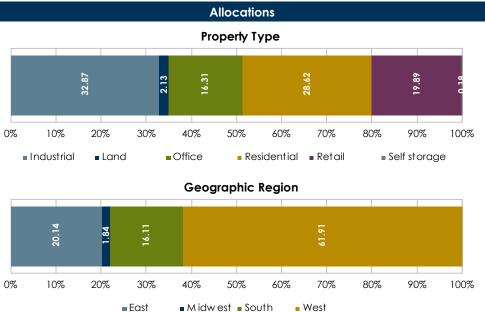
■ Exceed the total return of the NFI ODCE Net.



**Account Information** 

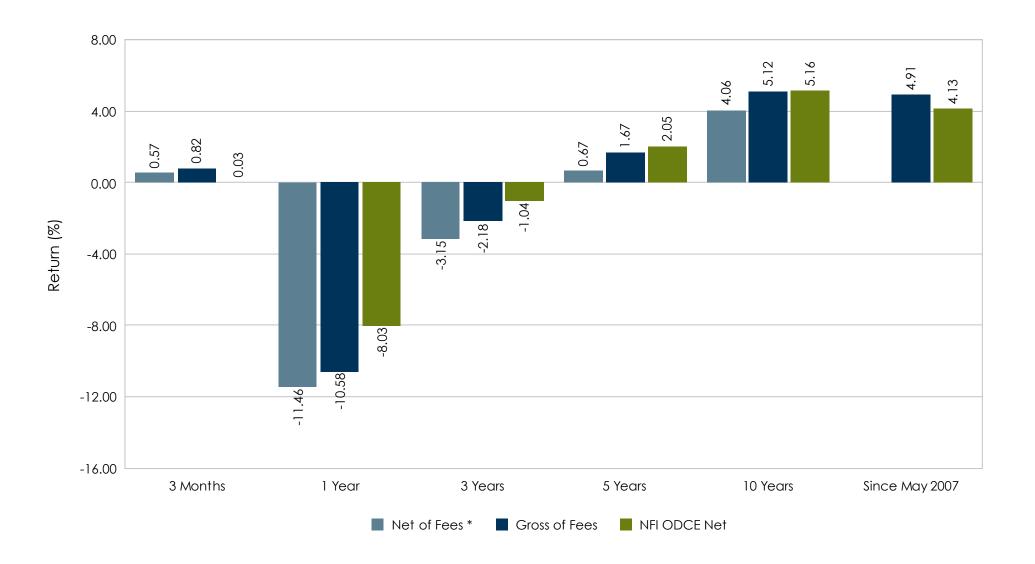






### JP Morgan Strategic Property

For the Periods Ending September 30, 2024



### **Clarion Lion Industrial Trust**

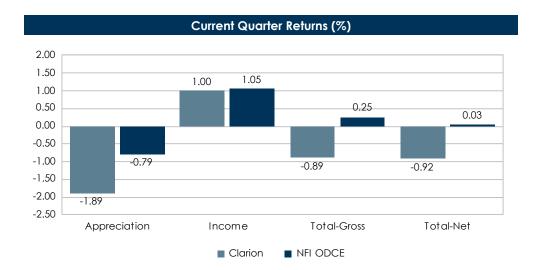
For the Periods Ending September 30, 2024

### **Account Description**

- **Strategy** Core Real Estate
- Vehicle Limited Partnership
- Benchmark NFI ODCE Net
- Performance Inception Date July 2022
- Fees 135 bps on First \$10 M of NAV; 130 bps on NAV between \$10 \$50 M. Incentive fee: 15% over an 9% net IRR hurdle.

### **Performance Goals**

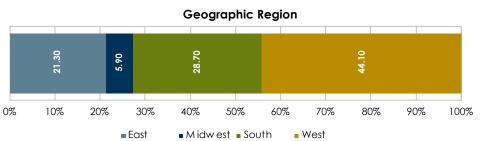
- Achieve a 9.5% 11.5% internal rate of return over a complete market cycle.
- Outperform the NFI ODCE Net by 100 basis points over 3 to 5 years.



### Account Information Ending Market Value \$27,743,353

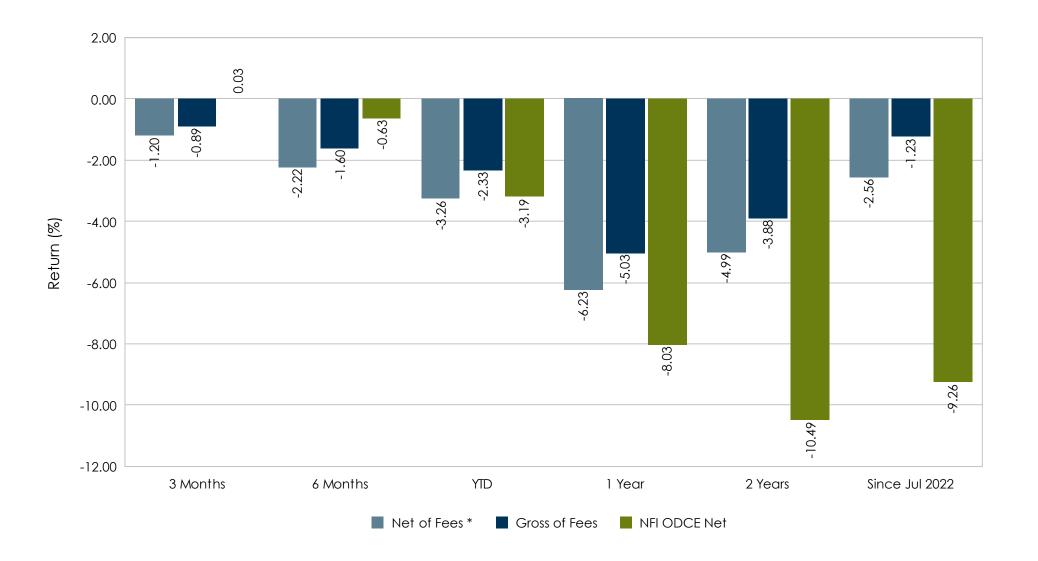
Fund Information	
Gross Market Value	\$32,283,000,000
■ Net Market Value	\$21,145,000,000
Cash Balance of Fund	\$677,943,000
# of Properties	743
# of Participants	340





### **Clarion Lion Industrial Trust**

For the Periods Ending September 30, 2024



Oklahoma Municipal Retirement Fund - Defined Contribution

**Defined Contribution Plan Performance** 

### **Growth and Value Option**

For the Periods Ending September 30, 2024

Manager Allocation		
Name	Market Value (\$000s)	Allocation (%)
Total	29,065	100.00
Vanguard Total Stock	14,701	50.58
Vanguard Windsor II	7,293	25.09
T. Rowe Price	7,071	24.33

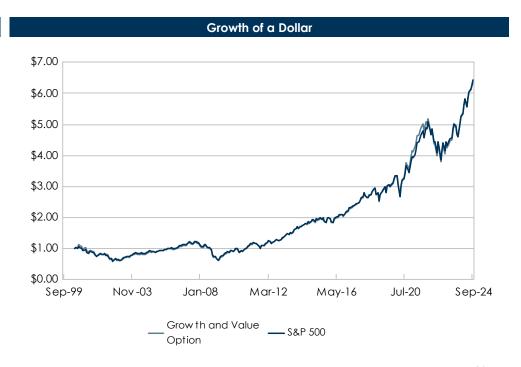
Large Cap Core Equity Option - Large cap equities are companies with
market capitalizations greater than \$10 billion.

This option includes a combination of "growth" and "value" portfolios focused in the large cap asset class.

**Portfolio Information** 

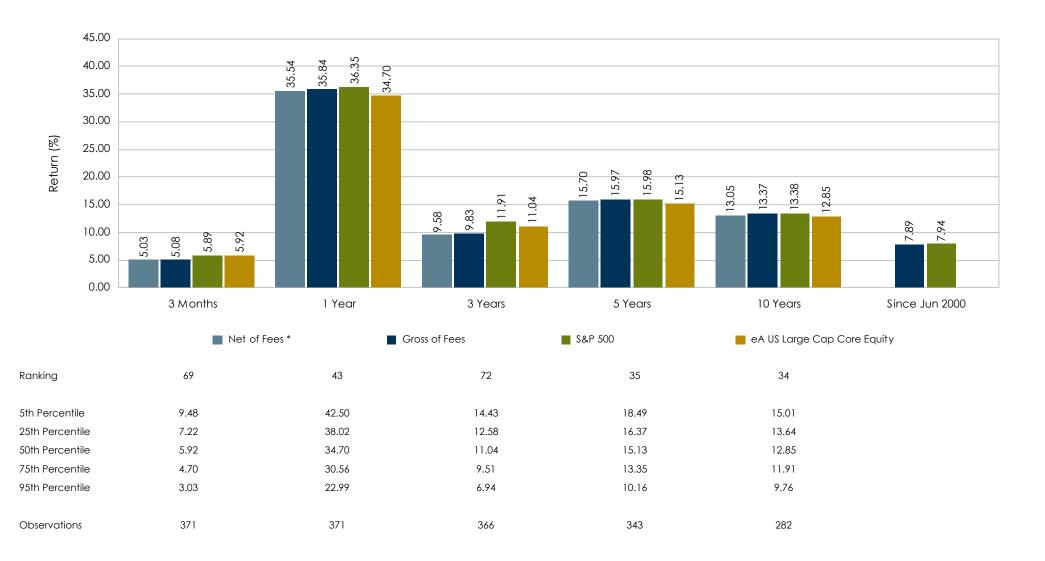
Performance goals 1) to achieve returns 100 basis points in excess of the S&P 500 index, and 2) to rank above median in a universe of large cap core managers over a complete market cycle.

Dollar Growth Summary (\$000s)		
	3 Months	YTD
Beginning Market Value	28,297	24,759
Net Additions	-634	-736
Return on Investment	1,402	5,042
Ending Market Value	29,065	29,065



### **Growth and Value Option**

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### **Vanguard Windsor II**

For the Periods Ending September 30, 2024

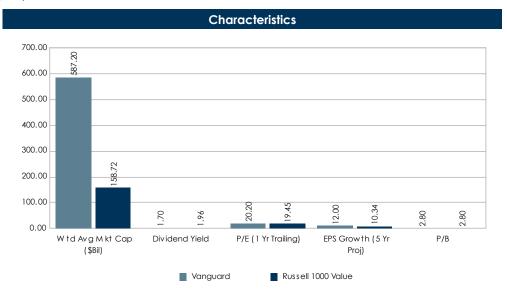
### **Account Description**

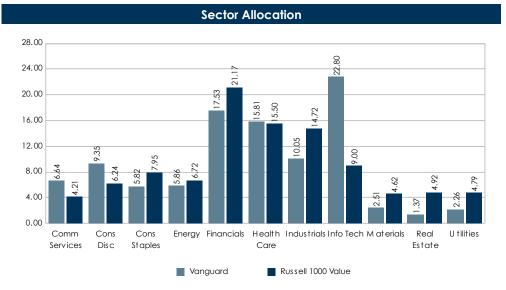
- Strategy US Large Cap Value
- Vehicle Mutual Fund: Institutional Class (VWNAX)
- Benchmark Russell 1000 Value
- Performance Inception Date June 2003
- **Expense Ratio** 26 bps

### **Performance Goals**

 Exceed the returns of the Russell 1000 Value over a complete market cycle (3 to 5 years).

## Beginning Market Value 6,898 6,133 Net Additions 32 168 Return on Investment 363 993 Ending Market Value 7,293 7,293



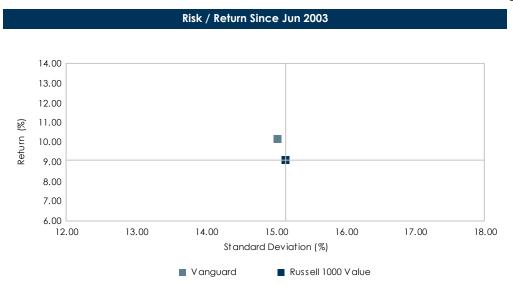


Characteristic and allocation charts represents data of the Vanguard Windsor II Admiral (Mutual Fund: Institutional Class: VWNAX).

Sector weights may not add to 100% due to securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

### **Vanguard Windsor II**

For the Periods Ending September 30, 2024

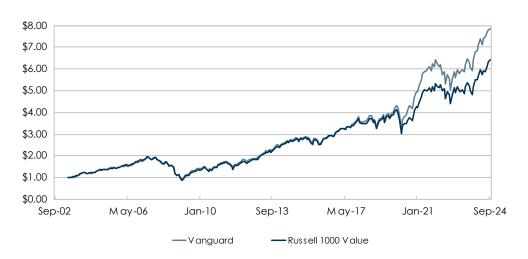


### Portfolio Statistics Since Jun 2003

	Vanguard	Russell 1000 Value
Return (%)	10.15	9.10
Standard Deviation (%)	15.03	15.15
Sharpe Ratio	0.58	0.50

Benchmark Relative Statistics		
Beta	0.97	
R Squared (%)	96.53	
Alpha (%)	1.20	
Tracking Error (%)	2.82	
Batting Average (%)	55.47	
Up Capture (%)	99.48	
Down Capture (%)	94.64	

### Growth of a Dollar Since Jun 2003

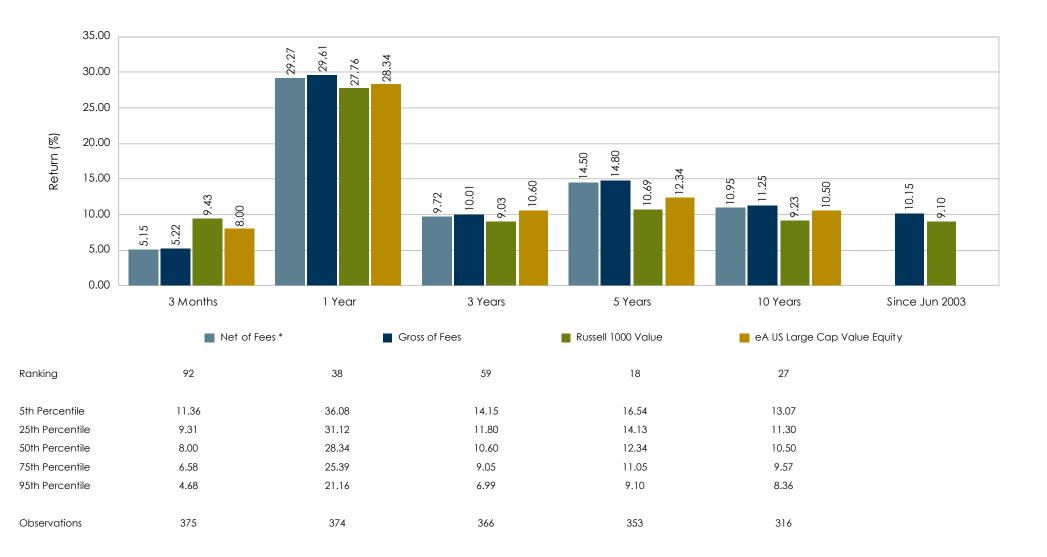


### Return Analysis Since Jun 2003

	Vanguard	Russell 1000 Value
Number of Months	256	256
Highest Monthly Return (%)	13.35	13.45
Lowest Monthly Return (%)	-17.40	-17.31
Number of Positive Months	170	163
Number of Negative Months	86	93
% of Positive Months	66.41	63.67

### Vanguard Windsor II

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### **Vanguard Total Stock**

For the Periods Ending September 30, 2024

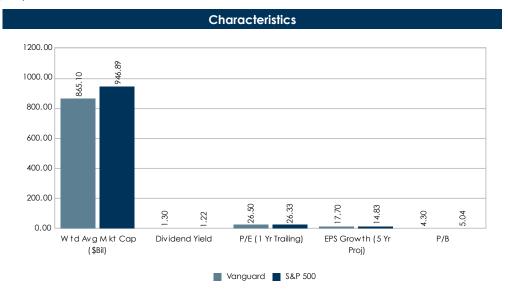
### **Account Description**

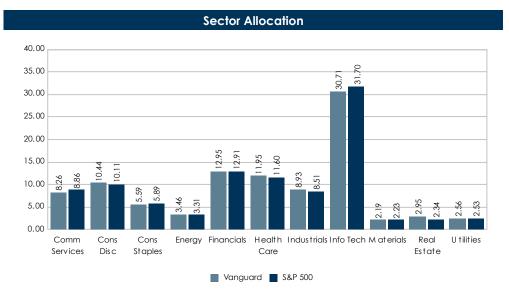
- Strategy US All Cap Core
- Vehicle Mutual Fund: Institutional Class (VITSX)
- Benchmark S&P 500
- Performance Inception Date February 2008
- **Expense Ratio** 3 bps

### **Performance Goals**

Approximate the risk and return profile of the S&P 500 Index.

## Beginning Market Value 14,083 12,331 Net Additions -236 -164 Return on Investment 854 2,535 Ending Market Value 14,701 14,701

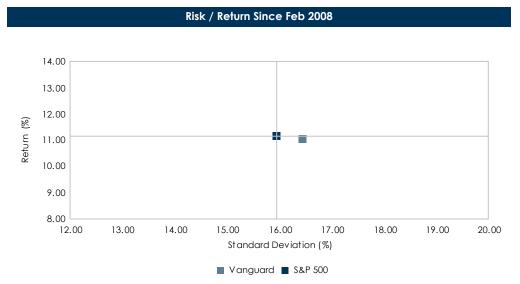




Characteristic and allocation charts represents data of the Vanguard Total Stock Market Index Fund (Mutual Fund: Institutional Class: VITSX). Sector weights may not add to 100% due to securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

### **Vanguard Total Stock**

For the Periods Ending September 30, 2024



### Portfolio Statistics Since Feb 2008

	Vanguard	S&P 500
Return (%)	11.03	11.14
Standard Deviation (%)	16.45	15.95
Sharpe Ratio	0.61	0.63

Benchmark Relative Statistics		
Beta	1.03	
R Squared (%)	99.35	
Alpha (%)	-0.36	
Tracking Error (%)	1.41	
Batting Average (%)	49.50	
Up Capture (%)	102.02	
Down Capture (%)	102.50	

### Growth of a Dollar Since Feb 2008

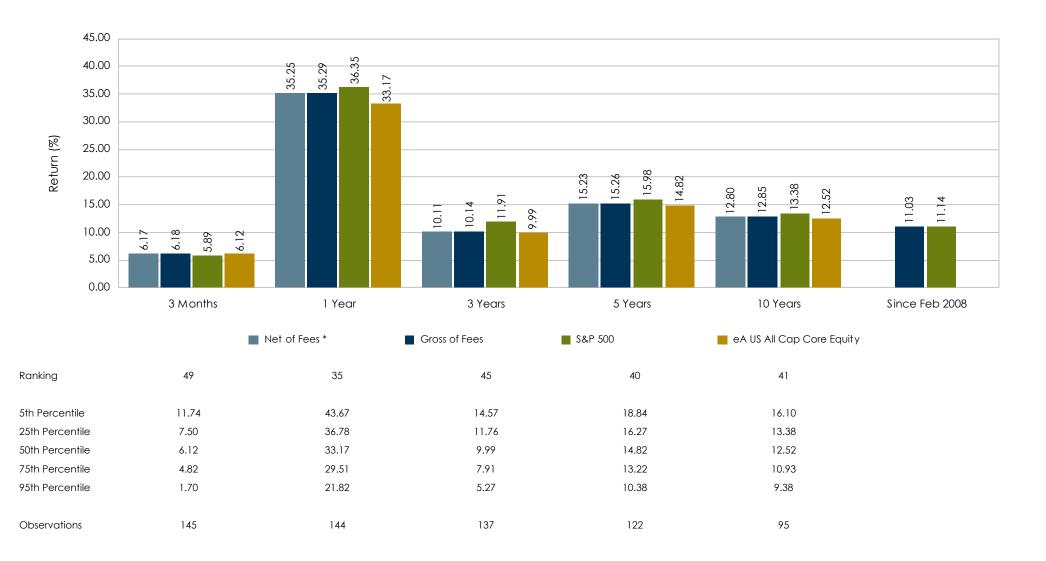


### Return Analysis Since Feb 2008

	Vanguard	S&P 500
Number of Months	200	200
Highest Monthly Return (%)	13.26	12.82
Lowest Monthly Return (%)	-17.62	-16.80
Number of Positive Months	135	136
Number of Negative Months	65	64
% of Positive Months	67.50	68.00

### **Vanguard Total Stock**

For the Periods Ending September 30, 2024



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### T. Rowe Price

For the Periods Ending September 30, 2024

### **Account Description**

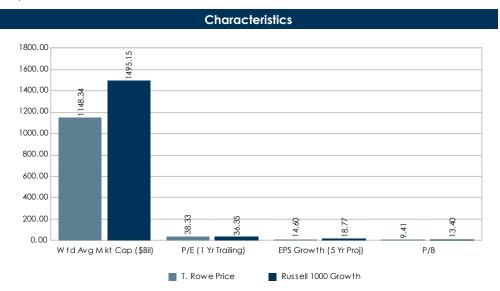
- Strategy US Large Cap Equity
- Vehicle Mutual Fund: Institutional Class (TRLGX)
- Benchmark Russell 1000 Growth
- Performance Inception Date July 2021
- **Expense Ratio** 56 bps

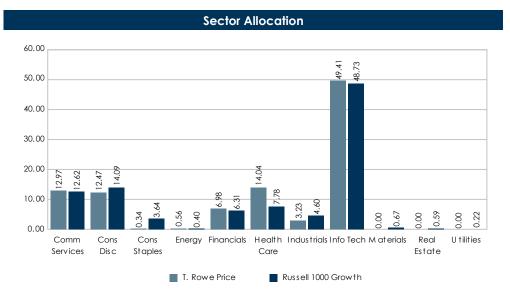
### **Performance Goals**

 Exceed the returns of the Russell 1000 Growth over a complete market cycle (3 to 5 years).

### Dollar Growth Summary (\$000s)

	3 Months	YTD
Beginning Market Value	7,317	6,295
Net Additions	-430	-739
Return on Investment	184	1,514
Endina Market Value	7.071	7.071





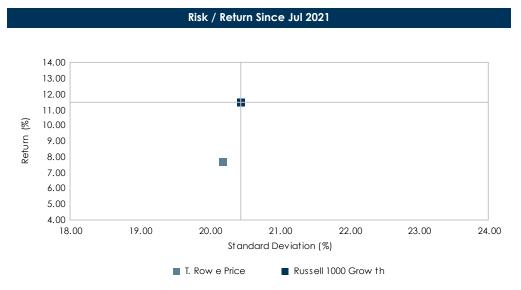
Characteristic and allocation charts represents data of the T. Rowe Price Institutional LCG (Mutual Fund: Institutional Class: TRLGX).

Sector weights may not add to 100% due to securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

### T. Rowe Price

For the Periods Ending September 30, 2024

**Sharpe Ratio** 



### Return (%) 7.63 11.44 Standard Deviation (%) 20.18 20.45

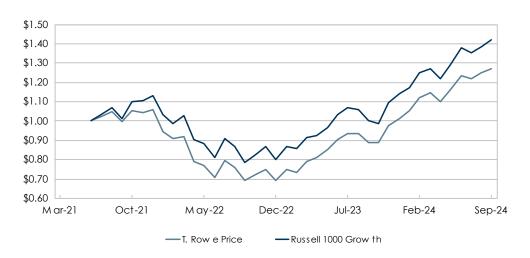
Benchmark Relative Statistics		
Beta	0.97	
R Squared (%)	96.63	
Alpha (%)	-3.11	
Tracking Error (%)	3.75	
Batting Average (%)	43.59	
Up Capture (%)	87.83	
Down Capture (%)	100.27	

Portfolio Statistics Since Jul 2021

0.21

0.40

### Growth of a Dollar Since Jul 2021

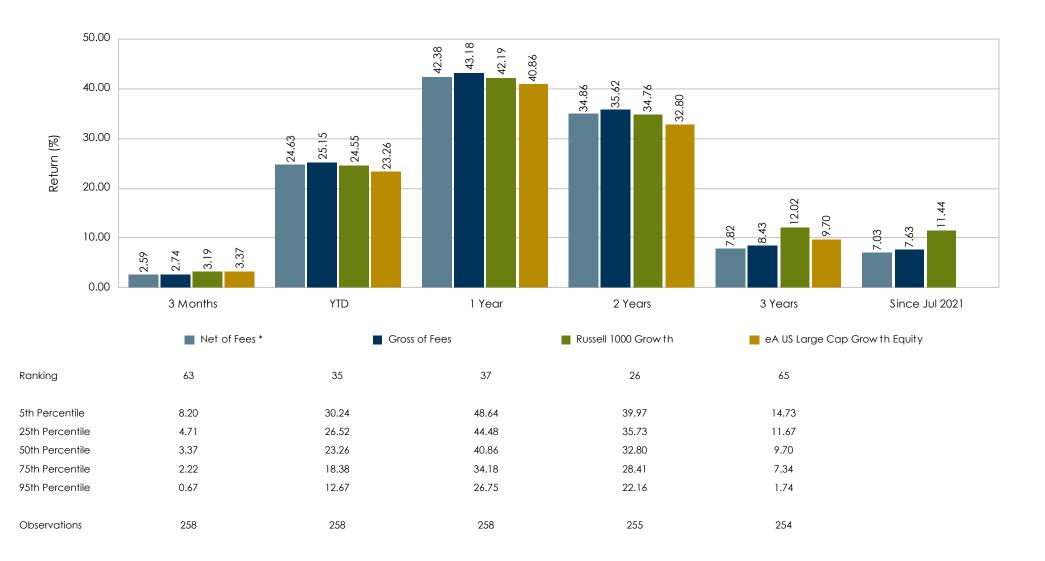


### Return Analysis Since Jul 2021

	T. Rowe Price	Russell 1000 Growth
Number of Months	39	39
Highest Monthly Return (%)	12.11	12.00
Lowest Monthly Return (%)	-13.96	-12.08
Number of Positive Months	24	24
Number of Negative Months	15	15
% of Positive Months	61.54	61.54

T. Rowe Price

For the Periods Ending September 30, 2024



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### **S&P 500 Option**

For the Periods Ending September 30, 2024

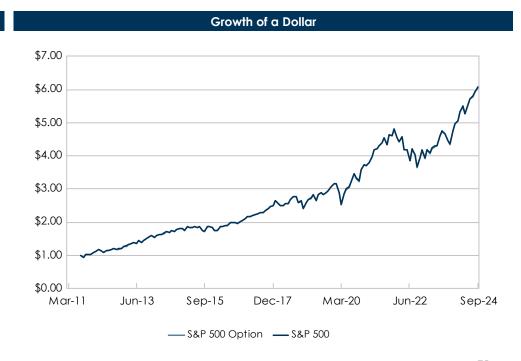
Manager Allocation			
Market Allocation Name Value (\$000s) (%)			
Total	48,057	100.00	
SSGA S&P 500 Non Lending	48,057	100.00	

■ \$ & P	500  Inc	ley Or	ntion .

- This option includes the passively managed SSgA S&P 500 Index Fund.
- Performance Goal Mirror the risk and return profile of the S&P 500 over all time periods.

**Portfolio Information** 

Dollar Growth Summary (\$000s)		
	3 Months	YTD
Beginning Market Value	45,894	40,364
Net Additions	-522	-1,130
Return on Investment	2,685	8,823
Ending Market Value	48.057	48.057



### SSGA S&P 500 Non Lending

For the Periods Ending September 30, 2024

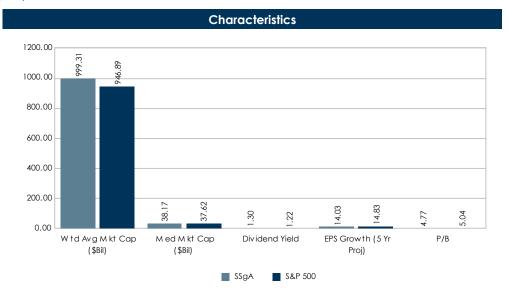
### **Account Description**

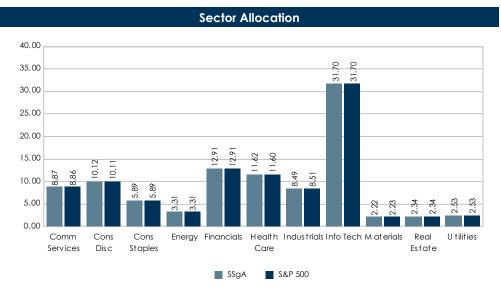
- Strategy US Large Cap Equity
- Vehicle Non-Mutual Commingled
- Benchmark S&P 500
- Performance Inception Date February 2010
- Fees 3 bps

### **Performance Goals**

• Mirror the risk and return profile of the S&P 500 over all time periods.

## Dollar Growth Summary (\$000s) 3 Months YTD Beginning Market Value 45,894 40,364 Net Additions -522 -1,130 Return on Investment 2,685 8,823 Ending Market Value 48,057 48,057

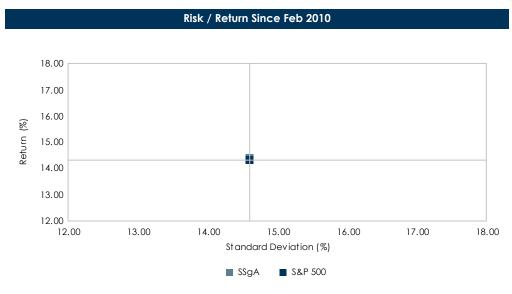




Characteristic and allocation charts represents data of the State Street S&P 500 Flagship Non-Lending Fund (Non-Mutual Commingled). Sector weights may not add to 100% due to securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

### SSGA S&P 500 Non Lending

For the Periods Ending September 30, 2024



### Portfolio Statistics Since Feb 2010

	SSgA	S&P 500
Return (%)	14.39	14.32
Standard Deviation (%)	14.60	14.60
Sharpe Ratio	0.91	0.90

Benchmark Relative Statistics		
Beta	1.00	
R Squared (%)	99.99	
Alpha (%)	0.06	
Tracking Error (%)	0.11	
Batting Average (%)	52.27	
Up Capture (%)	100.24	
Down Capture (%)	99.94	
Down Capture (%)	99.94	

### Growth of a Dollar Since Feb 2010

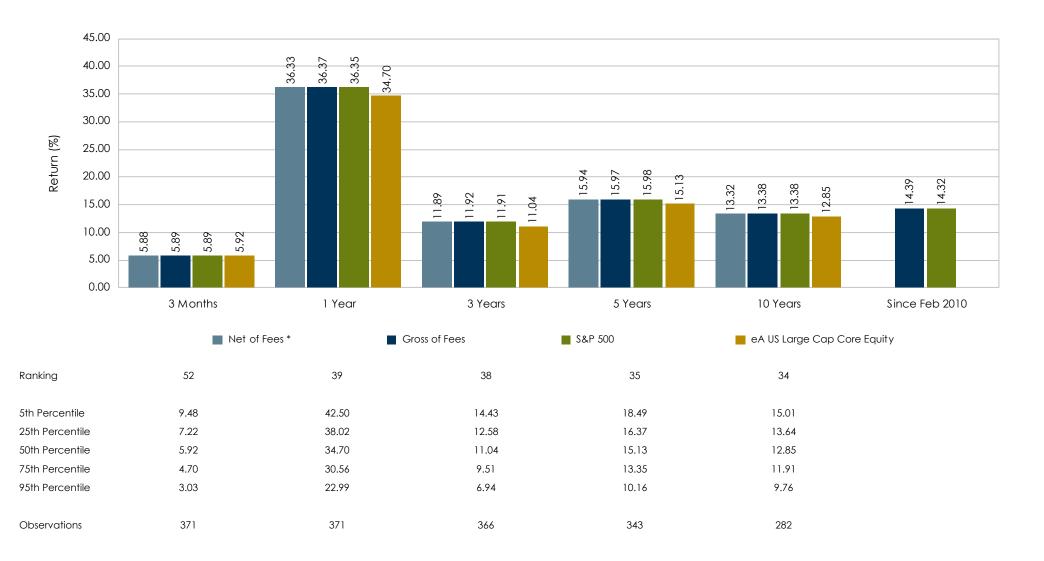


### Return Analysis Since Feb 2010

SSgA	S&P 500
176	176
12.81	12.82
-12.35	-12.35
123	123
53	53
69.89	69.89
	176 12.81 -12.35 123 53

### SSGA S&P 500 Non Lending

For the Periods Ending September 30, 2024



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### **Aggressive Equity Option**

For the Periods Ending September 30, 2024

Manager Allocation				
Market Allocation Name Value (\$000s) (%)				
Total	19,108	100.00		
SSgA Russell Small Cap Completeness	9,578	50.13		
William Blair SMid Growth	4,793	25.08		
Integrity Small Cap Value	4,737	24.79		

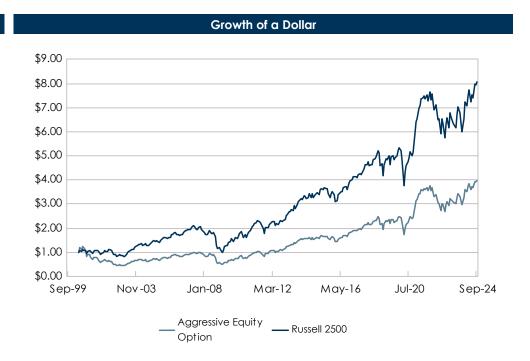
Small to Mid Cap Equity Option	

- omail to mid dap Equity opnion
- This option includes a combination of portfolios focused in the small and mid cap asset classes.

**Portfolio Information** 

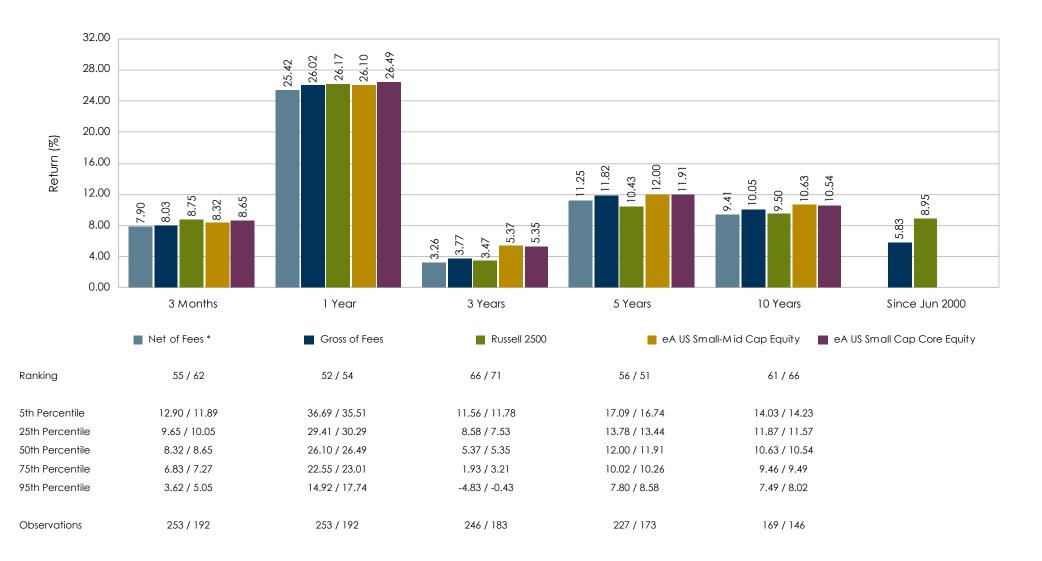
Performance goals - 1) to achieve returns 100 basis points in excess of the Russell 2500 Index, and 2) to exceed the return of the median small/mid cap core manager over a complete market cycle (3 to 5 years).

Dollar Growth Summary (\$000s)		
	3 Months	YTD
Beginning Market Value	18,436	18,543
Net Additions	-783	-1,377
Return on Investment	1,456	1,941
Ending Market Value	19,108	19,108



### **Aggressive Equity Option**

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### Integrity Small Cap Value

For the Periods Ending September 30, 2024

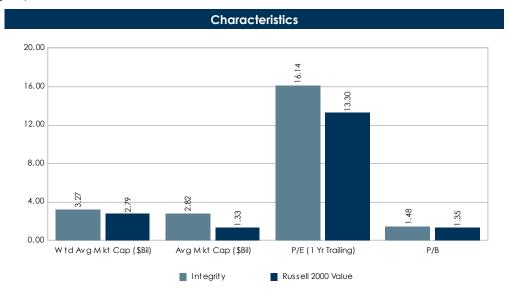
### **Account Description**

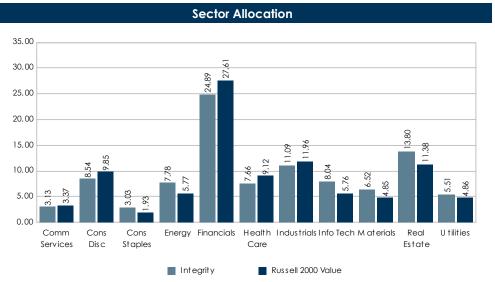
- Strategy US Small Cap Value
- Vehicle Mutual Fund (MVSSX)
- Benchmark Russell 2000 Value
- Performance Inception Date September 2015
- **Expense Ratio** 96 bps

### **Performance Goals**

 Exceed the returns of the Russell 2000 Value over a complete market cycle (3 to 5 years).

# Beginning Market Value 4,617 4,560 Net Additions -181 -165 Return on Investment 302 342 Ending Market Value 4,737 4,737



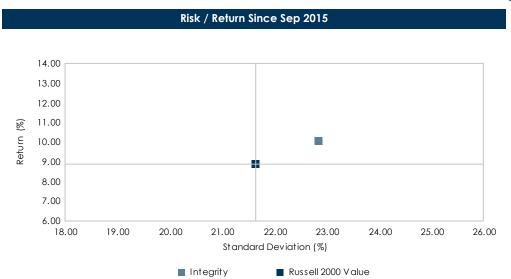


Characteristic and allocation charts represents data of the Victory Integrity Small Value R6 (Mutual Fund: MVSSX).

Sector weights may not add to 100% due to securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

### Integrity Small Cap Value

For the Periods Ending September 30, 2024

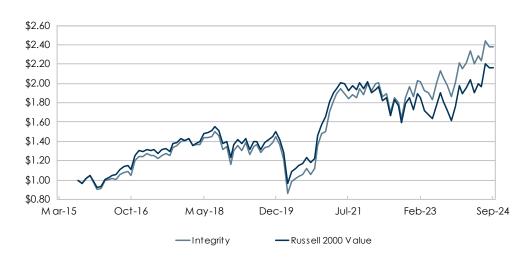


### Portfolio Statistics Since Sep 2015

	Integrity	Russell 2000 Value
Return (%)	10.03	8.86
Standard Deviation (%)	22.85	21.64
Sharpe Ratio	0.36	0.33

Benchmark Relative Statistics		
Beta	1.03	
R Squared (%)	96.01	
Alpha (%)	1.01	
Tracking Error (%)	4.63	
Batting Average (%)	52.29	
Up Capture (%)	103.34	
Down Capture (%)	99.39	

### Growth of a Dollar Since Sep 2015

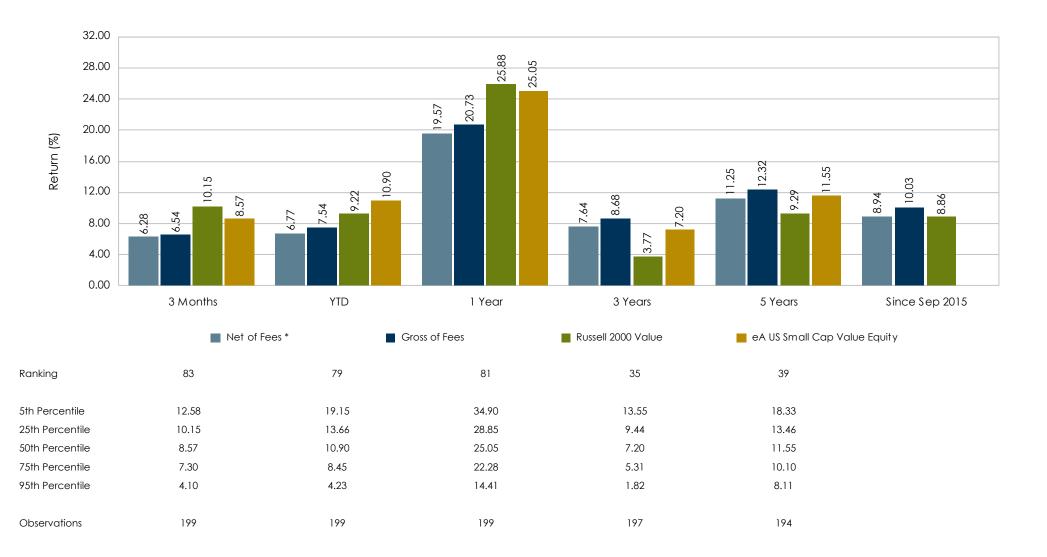


### Return Analysis Since Sep 2015

	Integrity	Russell 2000 Value
Number of Months	109	109
Highest Monthly Return (%)	21.66	19.31
Lowest Monthly Return (%)	-29.00	-24.67
Number of Positive Months	67	68
Number of Negative Months	42	41
% of Positive Months	61.47	62.39

### Integrity Small Cap Value

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### SSgA Russell Small Cap Completeness

For the Periods Ending September 30, 2024

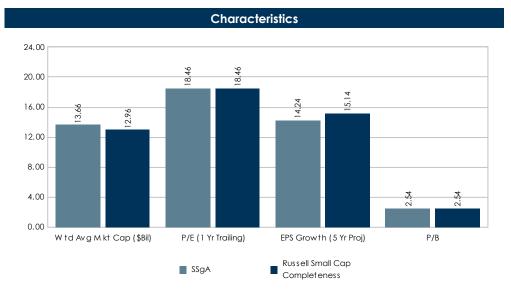
### **Account Description**

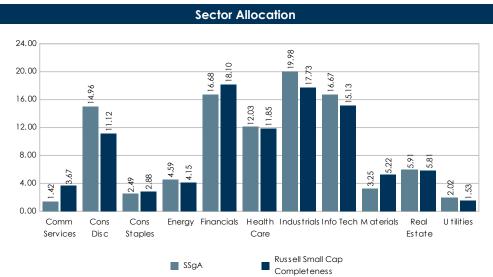
- Strategy US Small Cap Core
- Vehicle Non-Mutual Commingled
- Benchmark Russell Small Cap Completeness
- Performance Inception Date May 2010
- **Fees** 5.2 bps

### **Performance Goals**

 Mirror the risk and return profile of the Russell Small Cap Completeness over all time periods.

# Beginning Market Value 9,330 9,389 Net Additions -497 -906 Return on Investment 746 1,096 Ending Market Value 9,578 9,578





Characteristic and allocation charts represents data of the Small/Mid Cap Index Non-Lending Series Fund (Non-Mutual Commingled). Sector weights may not add to 100% due to securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

### SSgA Russell Small Cap Completeness

For the Periods Ending September 30, 2024

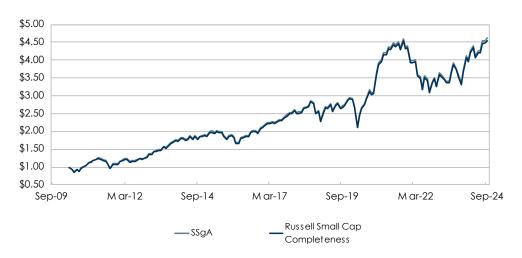


### Portfolio Statistics Since May 2010

	SSgA	Russell Small Cap Completeness
Return (%)	11.20	11.09
Standard Deviation (%)	18.66	18.70
Sharpe Ratio	0.54	0.53

Benchmark Relative Statistics		
Beta	1.00	
R Squared (%)	99.97	
Alpha (%)	0.12	
Tracking Error (%)	0.34	
Batting Average (%)	51.45	
Up Capture (%)	100.05	
Down Capture (%)	99.64	



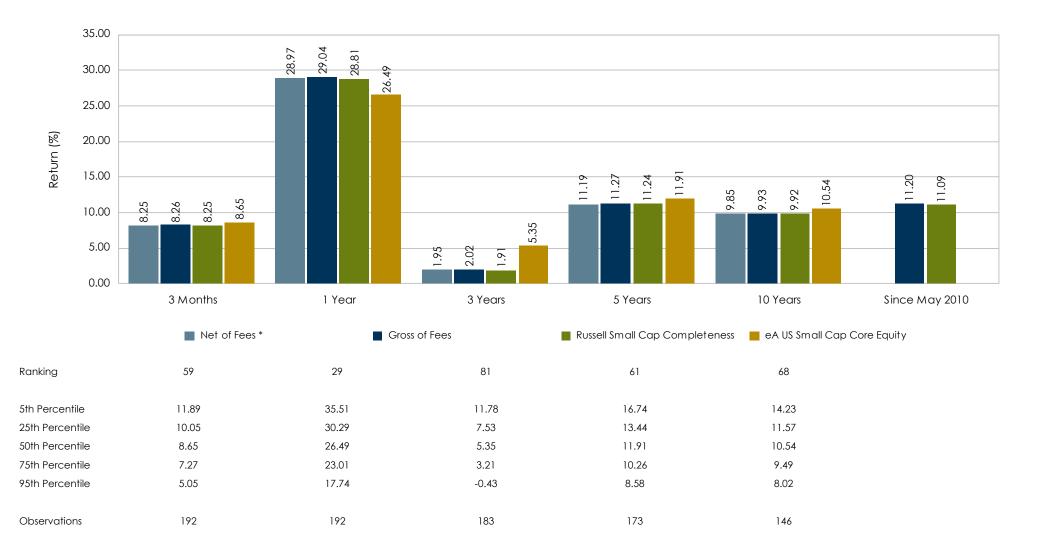


### Return Analysis Since May 2010

	SSqA	Russell Small Cap
	33gA	Completeness
Number of Months	173	173
Highest Monthly Return (%)	18.17	18.17
Lowest Monthly Return (%)	-21.22	-21.22
Number of Positive Months	106	106
Number of Negative Months	67	67
% of Positive Months	61.27	61.27

### SSgA Russell Small Cap Completeness

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### William Blair SMid Growth

For the Periods Ending September 30, 2024

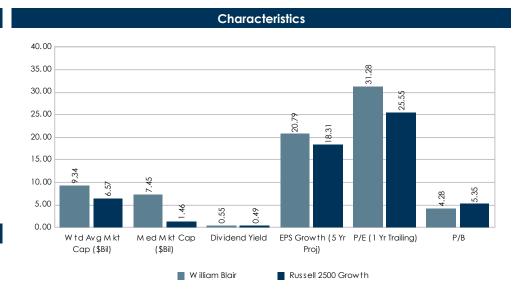
### **Account Description**

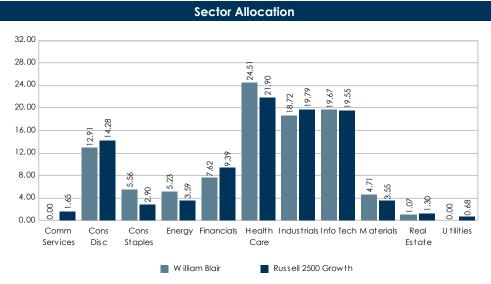
- Strategy US Small Cap Growth
- Vehicle Non-Mutual Commingled
- Benchmark Russell 2500 Growth
- Performance Inception Date November 2022
- **Fees** 85 bps

### **Performance Goals**

 Exceed the return of the Russell 2500 Growth over a complete market cycle (3 to 5 years).

# Beginning Market Value 4,489 4,594 Net Additions -105 -305 Return on Investment 409 503 Ending Market Value 4,793 4,793



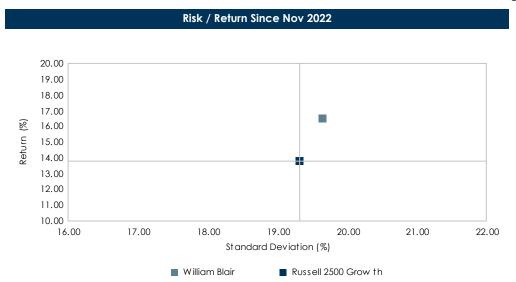


Characteristic and allocation charts represents the composite data of the William Blair SMid Growth.

Sector weights may not add to 100% due to securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

### William Blair SMid Growth

For the Periods Ending September 30, 2024



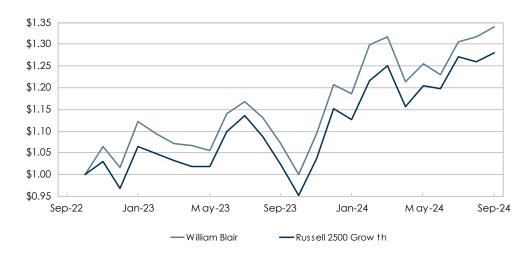
### Russe

Portfolio Statistics Since Nov 2022

	William Blair	Russell 2500 Growth
Return (%)	16.53	13.78
Standard Deviation (%)	19.65	19.32
Sharpe Ratio	0.58	0.45

Benchmark Relative Statistics		
Beta	1.00	
R Squared (%)	95.78	
Alpha (%)	2.56	
Tracking Error (%)	4.04	
Batting Average (%)	60.87	
Up Capture (%)	105.77	
Down Capture (%)	96.12	

### Growth of a Dollar Since Nov 2022

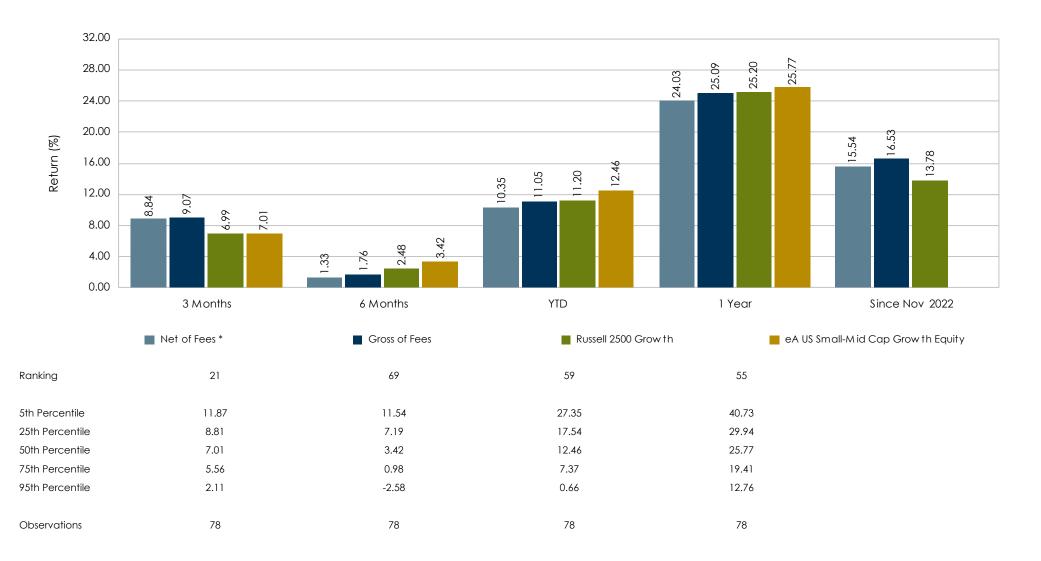


### **Return Analysis Since Nov 2022**

	William Blair	Russell 2500 Growth
Number of Months	23	23
Highest Monthly Return (%)	10.61	11.14
Lowest Monthly Return (%)	-7.87	-7.45
Number of Positive Months	12	11
Number of Negative Months	11	12
% of Positive Months	52.17	47.83

### William Blair SMid Growth

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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### **International Investment Equity Option**

For the Periods Ending September 30, 2024

Manager Allocation				
Market Allocation Name Value (\$000s) (%)				
Total International Option	9,577	100.00		
Harding Loevner International Equity	2,438	25.45		
SSgA Global Equity Ex US	2,419	25.26		
Artisan	2,413	25.20		
Axiom Emerging Markets	2,307	24.09		

International	Equity Option

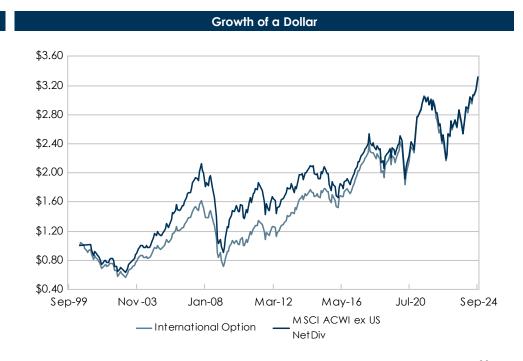
complimentary styles of management.

■ This option includes a combination of international equity portfolios across

**Portfolio Information** 

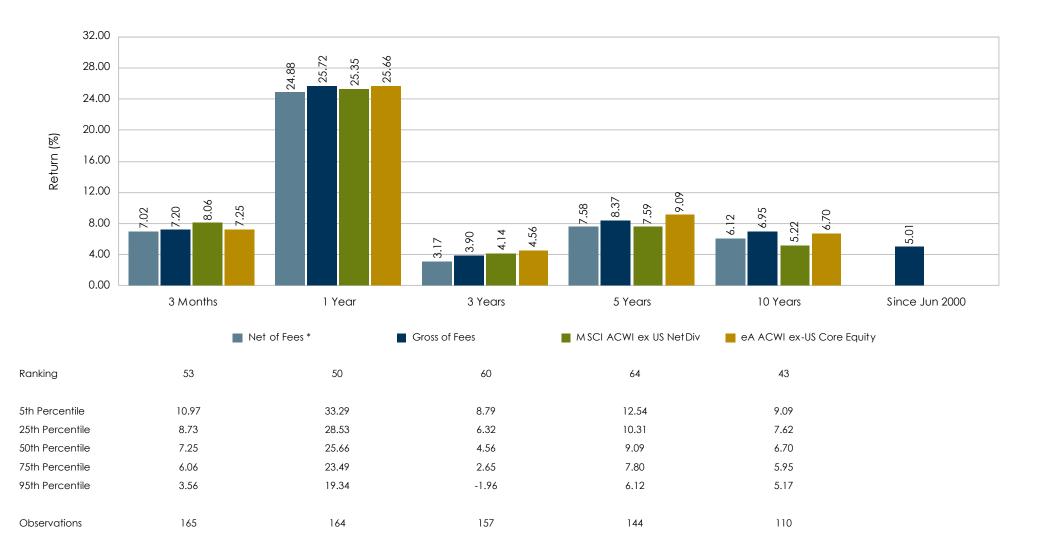
Performance goals - 1) to achieve returns 100 basis points in excess of the MSCI ACWI ex US NetDiv, and 2) to exceed the return of the median international developed markets equity manager over a complete market cycle (3 to 5 years).

Dollar Growth Summary (\$000s)		
	3 Months	YTD
Beginning Market Value	9,247	8,743
Net Additions	-321	-397
Return on Investment	651	1,231
Ending Market Value	9,577	9,577



### **International Investment Equity Option**

For the Periods Ending September 30, 2024



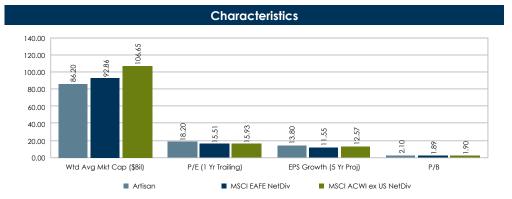
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### Artisan

For the Periods Ending September 30, 2024

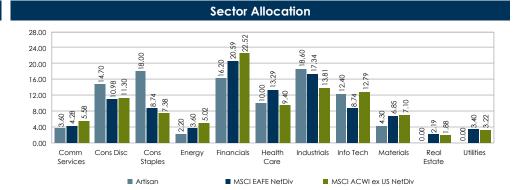
### **Account Description**

- Strategy Int'l Developed Markets Equity
- Vehicle Mutual Fund: Institutional Class (APHKX)
- Benchmarks MSCI EAFE NetDiv and MSCI ACWI ex US NetDiv
- Performance Inception Date May 2010
- Expense Ratio 103 bps



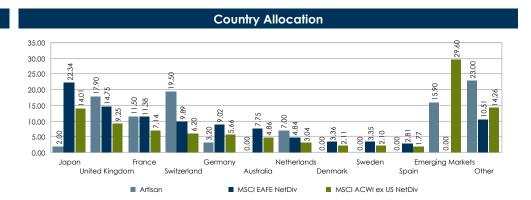
### **Performance Goals**

 Exceed the returns of the MSCI EAFE NetDiv over a complete market cycle (3 to 5 years).



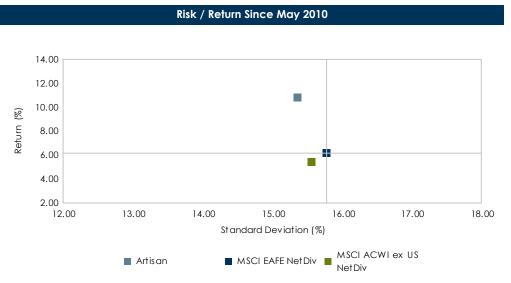
## 3 Months YTD Beginning Market Value 2,297 2,192 Net Additions -75 -112 Return on Investment 191 334 Ending Market Value 2,413 2,413

**Dollar Growth Summary (\$000s)** 



### Artisan

For the Periods Ending September 30, 2024

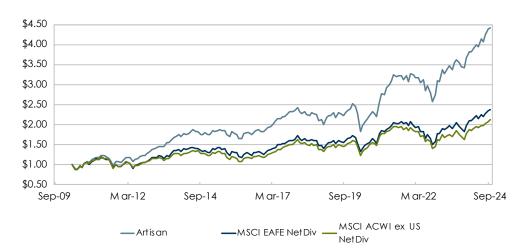


### Portfolio Statistics Since May 2010

	Artisan	MSCI EAFE NetDiv	MSCI ACWI ex US NetDiv
Return (%)	10.85	6.15	5.40
Standard Deviation (%)	15.36	15.78	15.57
Sharpe Ratio	0.63	0.32	0.27

Benchmark Relative Statistics		
0.93		
89.53		
5.62		
5.08		
61.27		
106.90		
83.15		
1		

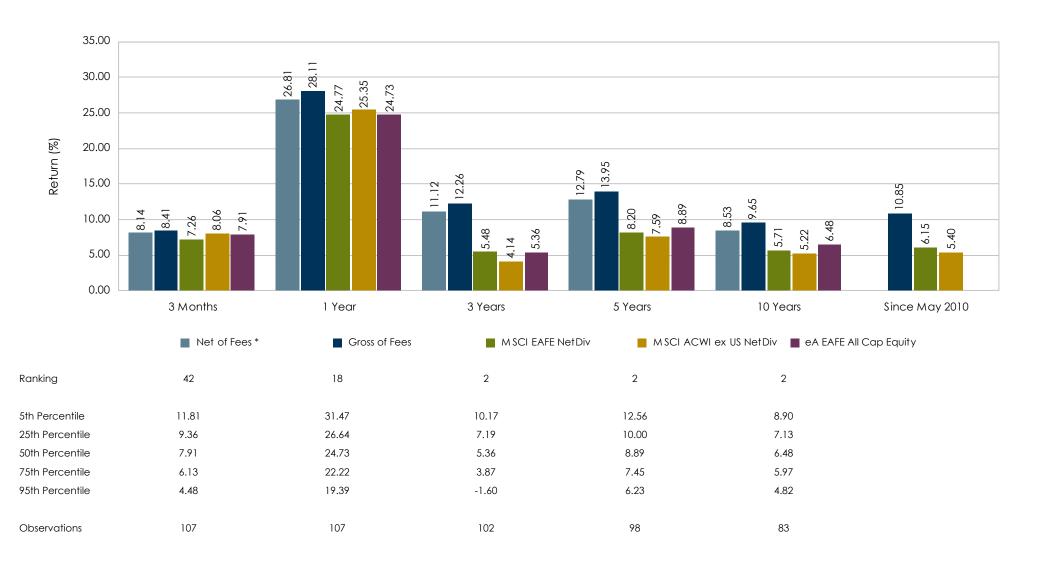
### Growth of a Dollar Since May 2010



### Return Analysis Since May 2010

	Artisan	MSCI EAFE NetDiv	MSCI ACWI ex US NetDiv
Number of Months	173	173	173
Highest Monthly Return (%)	16.61	15.50	13.45
Lowest Monthly Return (%)	-19.43	-13.35	-14.48
Number of Positive Months	100	99	100
Number of Negative Months	73	74	73
% of Positive Months	57.80	57.23	57.80

**Artisan**For the Periods Ending September 30, 2024



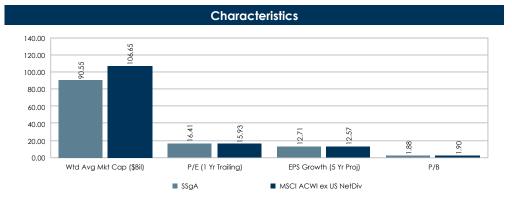
<sup>\*</sup> Performance is calculated using net of fee returns.
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### SSgA Global Equity Ex US

For the Periods Ending September 30, 2024

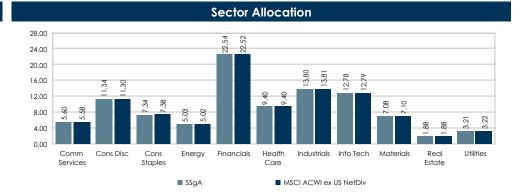
### **Account Description**

- Strategy Int'l Developed Markets Equity
- Vehicle Non-Mutual Commingled
- Benchmark MSCI ACWI ex US NetDiv
- Performance Inception Date November 2014
- Fees 9 bps



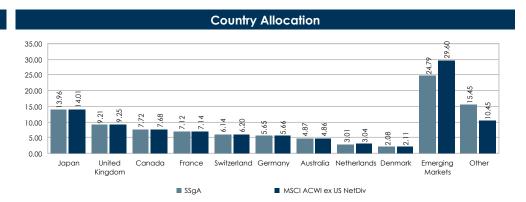
### **Performance Goals**

• Mirror the risk and return profile of the MSCI ACWI ex US NetDiv over all time periods.



## 3 Months YTD Beginning Market Value 2,291 2,188 Net Additions -53 -78 Return on Investment 180 308 Ending Market Value 2,419 2,419

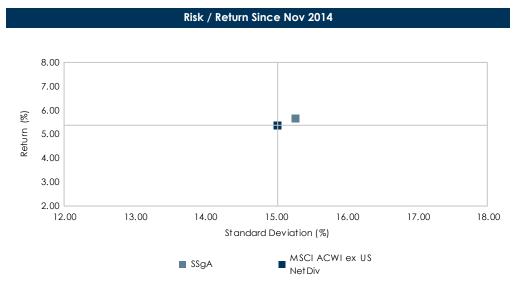
**Dollar Growth Summary (\$000s)** 



### **SSgA Global Equity Ex US**

For the Periods Ending September 30, 2024

**Sharpe Ratio** 



### Return (%) 5.66 5.37 Standard Deviation (%) 15.29 15.03

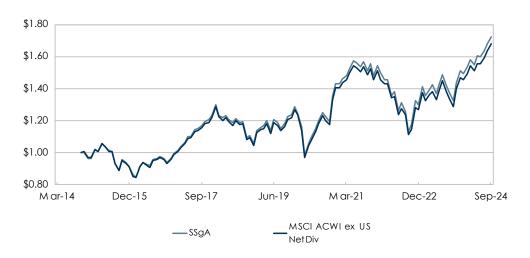
Benchmark Relative Statistics		
Beta	1,01	
R Squared (%)	99.21	
Alpha (%)	0.23	
Tracking Error (%)	1.38	
Batting Average (%)	58.82	
Up Capture (%)	102.81	
Down Capture (%)	101.16	

Portfolio Statistics Since Nov 2014

0.26

0.25

### Growth of a Dollar Since Nov 2014

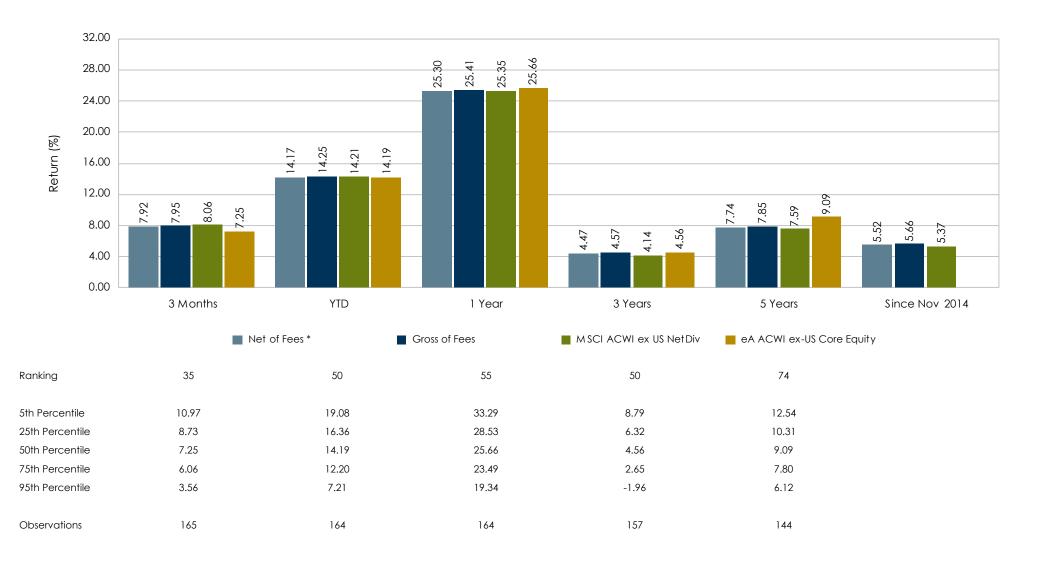


### **Return Analysis Since Nov 2014**

	SSgA	MSCI ACWI ex US NetDiv
Number of Months	119	119
Highest Monthly Return (%)	13.26	13.45
Lowest Monthly Return (%)	-15.51	-14.48
Number of Positive Months	68	69
Number of Negative Months	51	50
% of Positive Months	57.14	57.98

### SSgA Global Equity Ex US

For the Periods Ending September 30, 2024



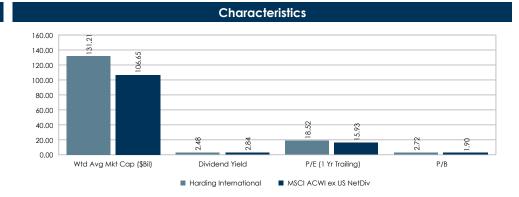
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### **Harding Loevner International Equity**

For the Periods Ending September 30, 2024

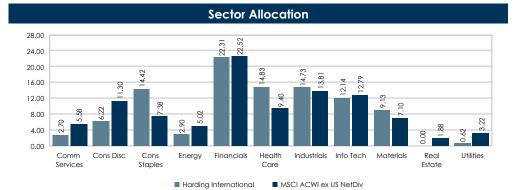
### **Account Description**

- Strategy Int'l Developed Markets Equity
- Vehicle Non-Mutual Commingled
- Benchmark MSCI ACWI ex US NetDiv
- Performance Inception Date July 2016
- **Fees** 81 bps

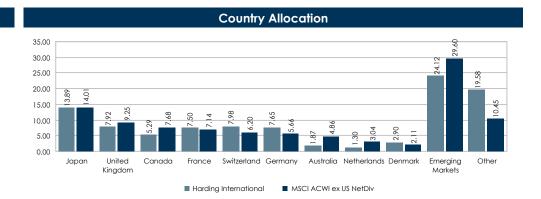


### **Performance Goals**

 Exceed the returns of the MSCI ACWI ex US NetDiv over a complete market cycle (3 to 5 years).

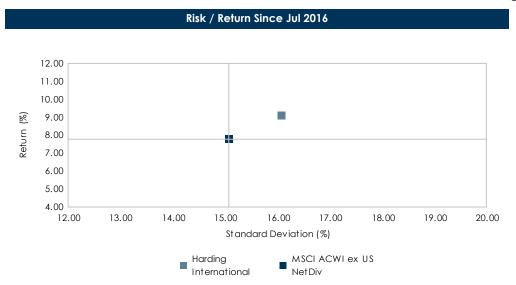


## Dollar Growth Summary (\$000s) 3 Months YTD Beginning Market Value 2,263 2,229 Net Additions -34 -46 Return on Investment 209 255 Ending Market Value 2,438 2,438



### **Harding Loevner International Equity**

For the Periods Ending September 30, 2024

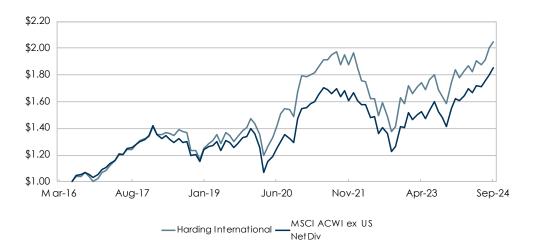


### Portfolio Statistics Since Jul 2016

	Harding International	MSCI ACWI ex US NetDiv
Return (%)	9.10	7.76
Standard Deviation (%)	16.09	15.07
Sharpe Ratio	0.44	0.39

Benchmark Relative Statistics		
Beta	1.02	
R Squared (%)	91.36	
Alpha (%)	1.22	
Tracking Error (%)	4.74	
Batting Average (%)	52.53	
Up Capture (%)	109.11	
Down Capture (%)	102.69	

### Growth of a Dollar Since Jul 2016

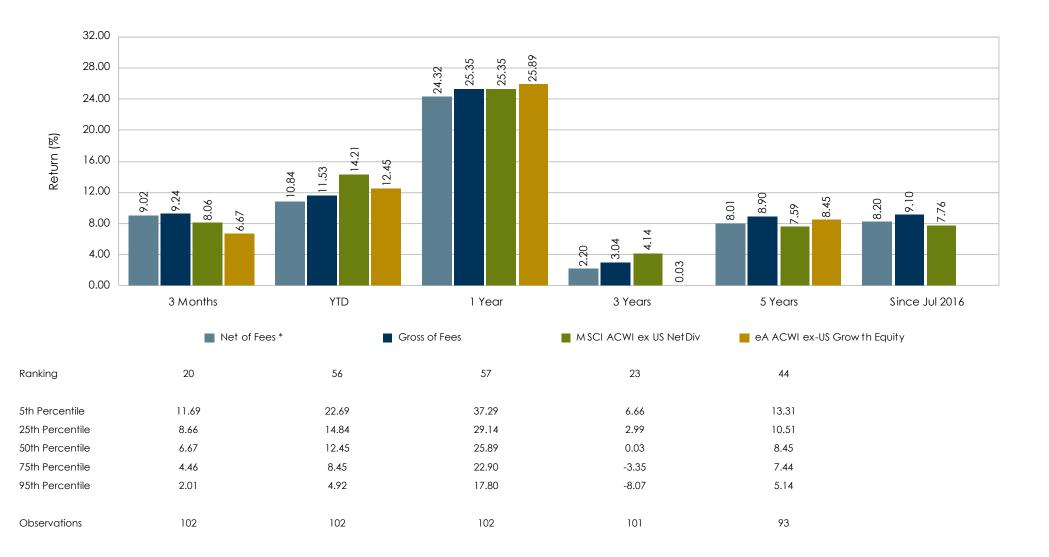


### Return Analysis Since Jul 2016

	Harding International	MSCI ACWI ex US NetDiv
Number of Months	99	99
Highest Monthly Return (%)	15.67	13.45
Lowest Monthly Return (%)	-11.69	-14.48
Number of Positive Months	60	63
Number of Negative Months	39	36
% of Positive Months	60.61	63.64

### **Harding Loevner International Equity**

For the Periods Ending September 30, 2024



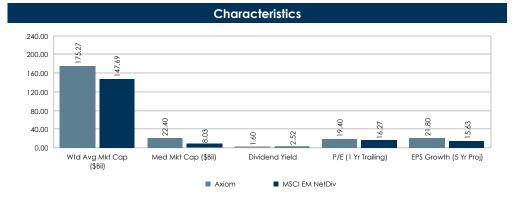
<sup>\*</sup> Performance is calculated using net of fee returns.
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### **Axiom Emerging Markets**

For the Periods Ending September 30, 2024

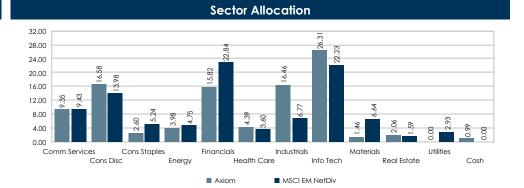
### **Account Description**

- Strategy Emerging Markets Equity
- Vehicle Non-Mutual Commingled
- Benchmark MSCI EM NetDiv
- Performance Inception Date February 2023
- **Fees** 75 bps



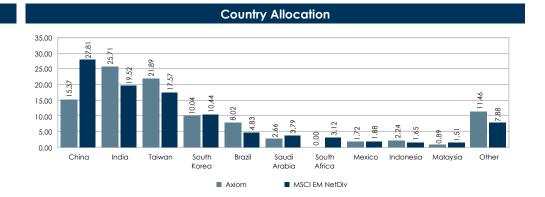
### **Performance Goals**

 Exceed the returns of the MSCI EM NetDiv over a complete market cycle (3 to 5 years).



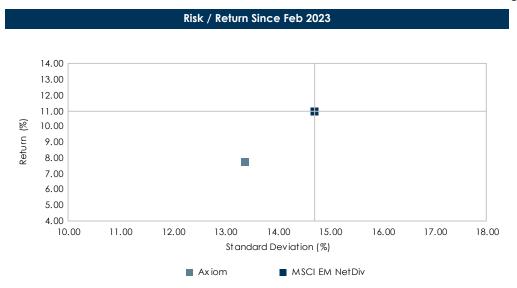
### 3 Months YTD Beginning Market Value 2,396 2,134 Net Additions -160 -160 Return on Investment 71 334 Ending Market Value 2,307 2,307

**Dollar Growth Summary (\$000s)** 



### **Axiom Emerging Markets**

For the Periods Ending September 30, 2024

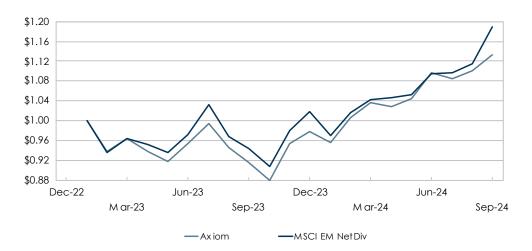


### Portfolio Statistics Since Feb 2023

	Axiom	MSCI EM NetDiv
Return (%)	7.74	10.98
Standard Deviation (%)	13.38	14.72
Sharpe Ratio	0.18	0.38

Benchmark Relative Statistics			
Beta	0.86		
R Squared (%)	89.90		
Alpha (%)	-1.57		
Tracking Error (%)	4.71		
Batting Average (%)	45.00		
Up Capture (%)	82.29		
Down Capture (%)	94.39		

### Growth of a Dollar Since Feb 2023

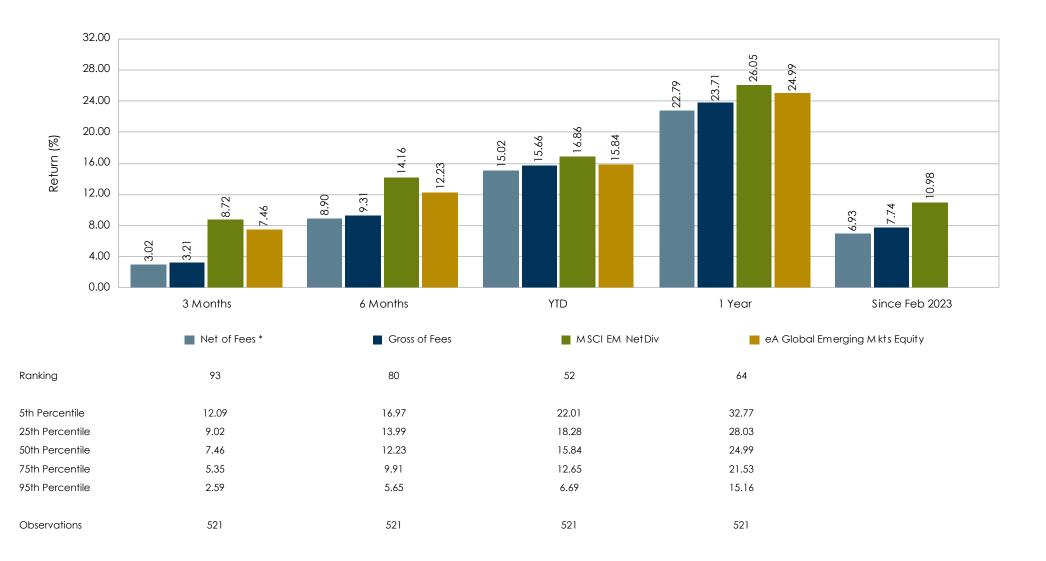


### Return Analysis Since Feb 2023

	Axiom	MSCI EM NetDiv
Number of Months	20	20
Highest Monthly Return (%)	8.34	8.00
Lowest Monthly Return (%)	-6.20	-6.48
Number of Positive Months	11	13
Number of Negative Months	9	7
% of Positive Months	55.00	65.00

### **Axiom Emerging Markets**

For the Periods Ending September 30, 2024



<sup>\*</sup> Performance is calculated using net of fee returns.
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# **Global Equity Option**

For the Periods Ending September 30, 2024

Manager Allocation				
Market Allocation Name Value (\$000s) (%)				
Total	13,518	100.00		
SSgA Global Equity Index	13,518	100.00		

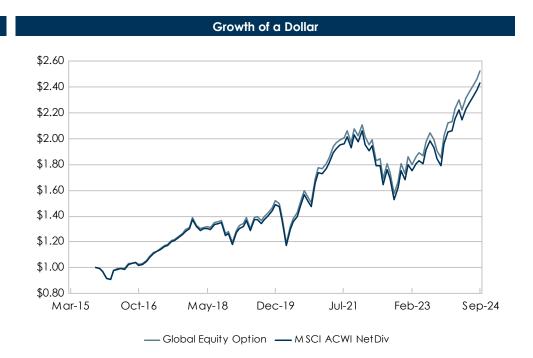
_	CI - I I	F:1	O 1:
_	Global	EGUIIV	Option

■ This option includes the passively managed SSgA Global Equity Index Fund.

**Portfolio Information** 

Performance Goal - Mirror the risk and return profile of the MSCI ACWI NetDiv over all time periods.

Dollar Growth Summary (\$000s)			
	3 Months	YTD	
Beginning Market Value	12,692	11,614	
Net Additions	-20	-291	
Return on Investment	846	2,194	
Ending Market Value	13 518	13 518	

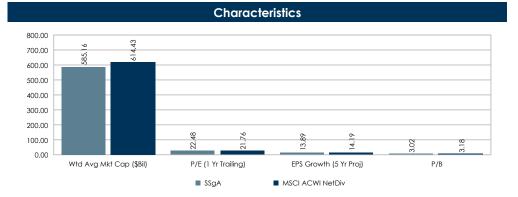


# **SSgA Global Equity Index**

For the Periods Ending September 30, 2024

## **Account Description**

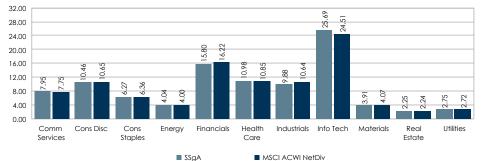
- Strategy Global All Cap Equity
- Vehicle Non-Mutual Commingled
- Benchmark MSCI ACWI NetDiv
- **Performance Inception Date** November 2015
- **Fees** 10 bps



### **Performance Goals**

 Mirror the risk and return profile of the MSCI ACWI NetDiv over all time periods.

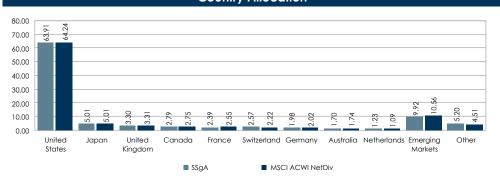
# Sector Allocation



### **Dollar Growth Summary (\$000s)**

	3 Months	YTD
Beginning Market Value	12,692	11,614
Net Additions	-20	-291
Return on Investment	846	2,194
Ending Market Value	13,518	13,518

### Country Allocation



# **SSgA Global Equity Index**

For the Periods Ending September 30, 2024



# Portfolio Statistics Since Nov 2015

	SSgA	MSCI ACWI NetDiv
Return (%)	10.99	10.50
Standard Deviation (%)	15.06	14.97
Sharpe Ratio	0.61	0.58

1.01	
1.01	
99.85	
0.40	
0.59	
71.96	
102.00	
99.94	
	99.85 0.40 0.59 71.96 102.00



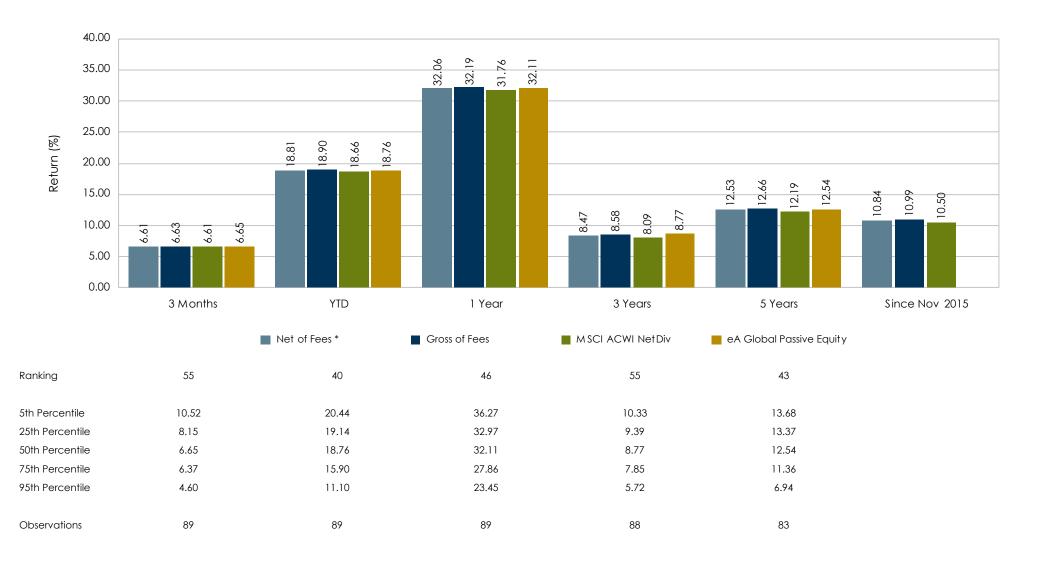


# Return Analysis Since Nov 2015

	SSgA	MSCI ACWI NetDiv
Number of Months	107	107
Highest Monthly Return (%)	12.28	12.33
Lowest Monthly Return (%)	-13.80	-13.50
Number of Positive Months	73	73
Number of Negative Months	34	34
% of Positive Months	68.22	68.22

# **SSgA Global Equity Index**

For the Periods Ending September 30, 2024



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

<sup>\*</sup> Performance is calculated using net of fee returns.
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# **ESG US Stock Fund Option**

For the Periods Ending September 30, 2024

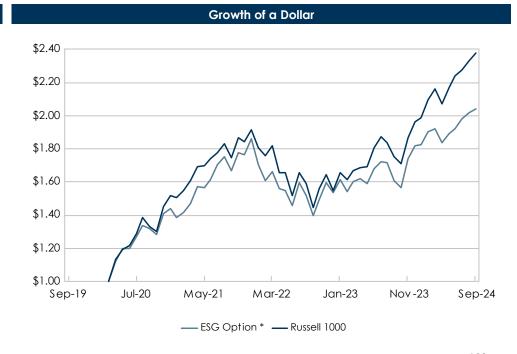
Manager Allocation			
Market Allocation Name Value (\$000s) (%)			
Total ESG Option	1,889	100.00	
Calvert Equity Fund	1,889	100.00	

<ul><li>ESG</li></ul>	US Larae	and Mid	Cap E	auitv O	ption

- This option includes the Calvert Equity Fund
- Performance Goal Outperform the Russell 1000 over a complete market cycle (typically 3 to 5 years).

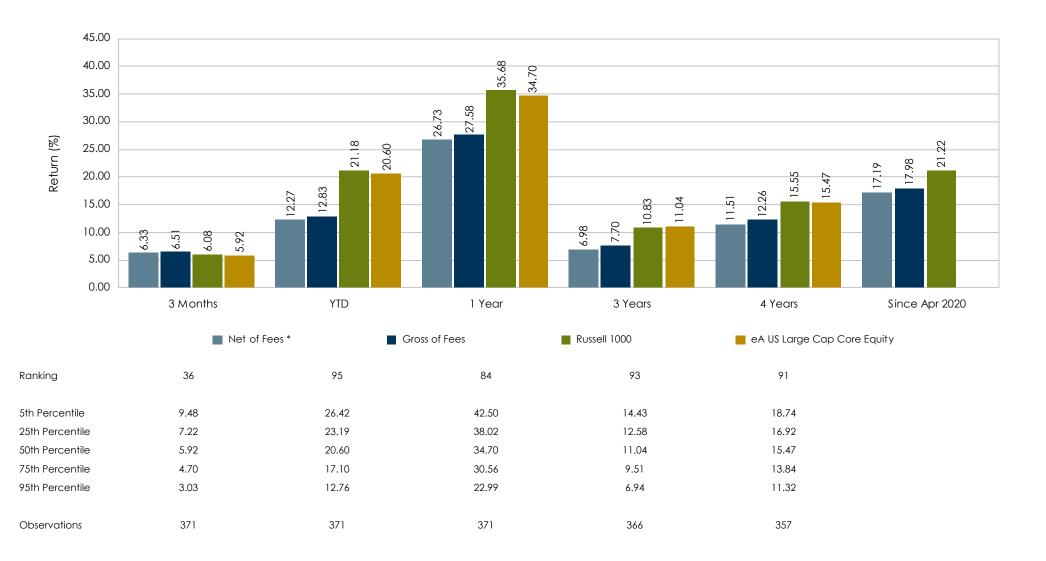
**Portfolio Information** 

Net Dollar Growth Summary (\$000s)			
	3 Months	YTD	
Beginning Market Value	1,826	1,905	
Net Additions	-51	-237	
Return on Investment	114	221	
Ending Market Value	1 889	1 889	



# **ESG US Stock Fund Option**

For the Periods Ending September 30, 2024



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

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# **Total Yield Option**

For the Periods Ending September 30, 2024

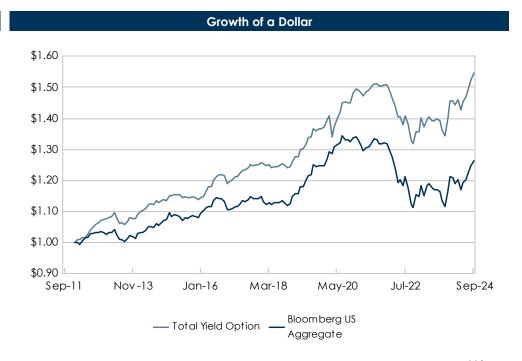
Manager Allocation			
Name	Market Value (\$000s)	Allocation (%)	
Total	8,138	100.00	
JP Morgan Fixed Income	4,060	49.89	
Amundi Pioneer Core Plus	2,054	25.24	
BlackRock Strategic Income Opportunities	2,024	24.87	

- Total Yield Option
- This option includes a combination of portfolios in the core and multi-sector fixed income asset classes.

**Portfolio Information** 

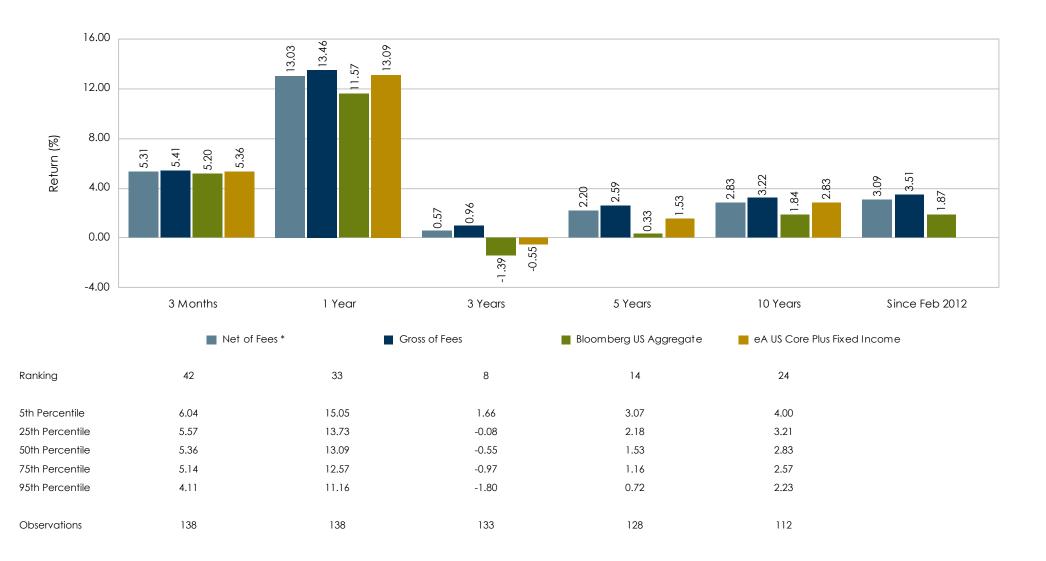
Performance Goals - 1) to achieve returns 100 basis points in excess of the BloomBar US Aggregate, and 2) to exceed the return of the median core bond manager over a complete market cycle (3 to 5 years).

Dollar Growth Summary (\$000s)		
	3 Months	YTD
Beginning Market Value	7,134	6,518
Net Additions	597	1,147
Return on Investment	408	473
Ending Market Value	8.138	8.138



# **Total Yield Option**

For the Periods Ending September 30, 2024



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

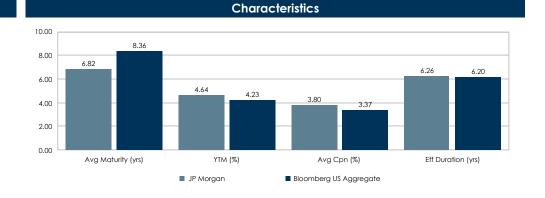
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# JP Morgan Fixed Income

For the Periods Ending September 30, 2024

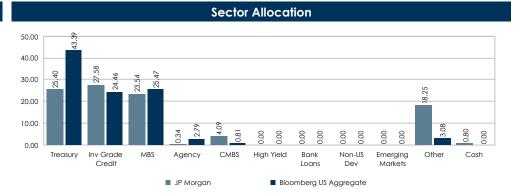
# **Account Description**

- Strategy Core Bonds
- Vehicle Non-Mutual Commingled
- Benchmark Bloomberg US Aggregate
- **Performance Inception Date** February 2012
- **Fees** 30 bps

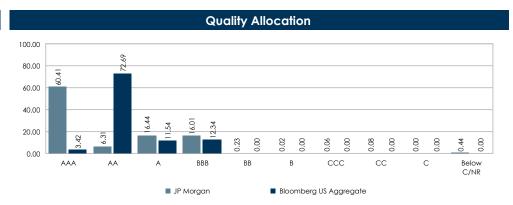


### **Performance Goals**

 Exceed the returns of the Bloomberg US Aggregate over a complete market cycle (3 to 5 years).



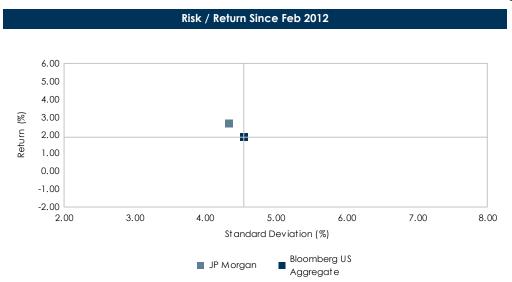
# Dollar Growth Summary (\$000s) 3 Months YTD Beginning Market Value 3,556 3,251 Net Additions 302 596 Return on Investment 202 213 Ending Market Value 4,060 4,060



Characteristic and allocation charts represents data of the JPMorgan Core Bond Trust (Non-Mutual Commingled). The Other sector consists of ABS, CMO, Convertibles, Municipals, Private Placements/144As and TIPS.

# JP Morgan Fixed Income

For the Periods Ending September 30, 2024



# Portfolio Statistics Since Feb 2012

	JP Morgan	Bloomberg US Aggregate
Return (%)	2.69	1.87
Standard Deviation (%)	4.34	4.55
Sharpe Ratio	0.32	0.13

Benchmark Relative Statistics		
Beta	0.94	
R Squared (%)	97.97	
Alpha (%)	0.90	
Tracking Error (%)	0.67	
Batting Average (%)	65.13	
Up Capture (%)	102.35	
Down Capture (%)	87.04	

## Growth of a Dollar Since Feb 2012

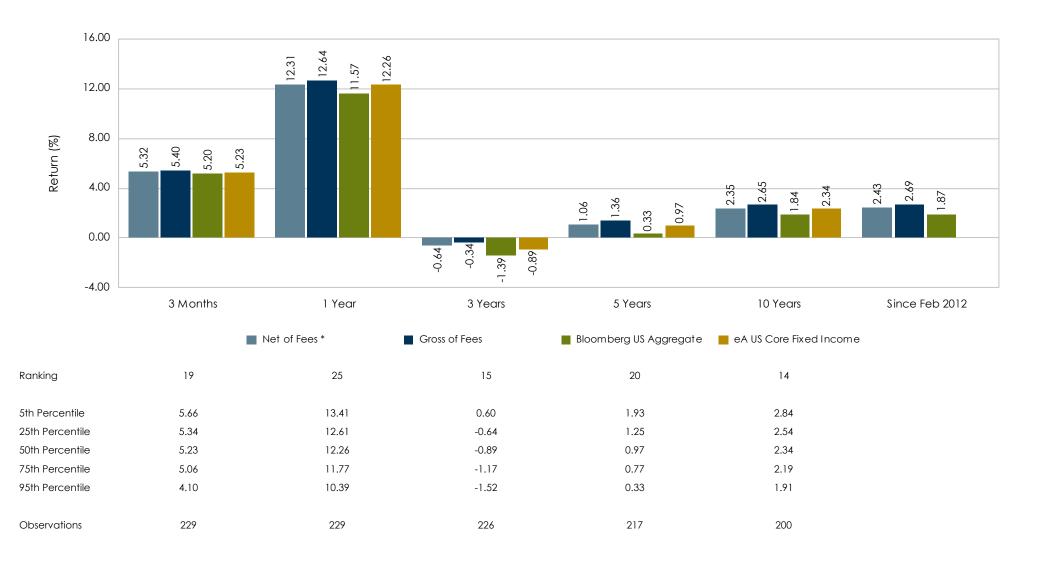


# Return Analysis Since Feb 2012

	JP Morgan	Bloomberg US Aggregate
Number of Months	152	152
Highest Monthly Return (%)	4.37	4.53
Lowest Monthly Return (%)	-3.92	-4.32
Number of Positive Months	91	85
Number of Negative Months	61	67
% of Positive Months	59.87	55.92

# JP Morgan Fixed Income

For the Periods Ending September 30, 2024



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

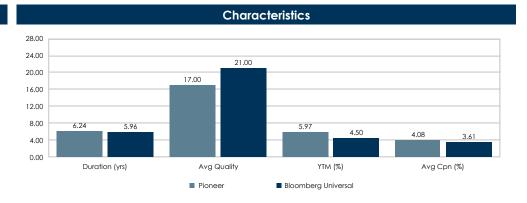
<sup>\*</sup> Performance is calculated using net of fee returns.
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# **Amundi Pioneer Core Plus**

For the Periods Ending September 30, 2024

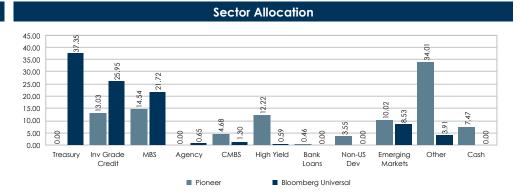
# **Account Description**

- Strategy Multi-Sector Fixed Income
- Vehicle Non-Mutual Commingled
- Benchmark Bloomberg Universal
- **Performance Inception Date** February 2012
- **Fees** 35 bps

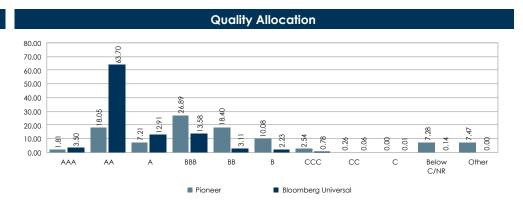


### **Performance Goals**

 Exceed the returns of the Bloomberg Universal over a complete market cycle (3 to 5 years).



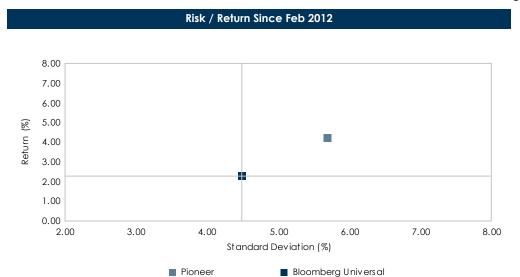
# Beginning Market Value 1,784 1,649 Net Additions 148 264 Return on Investment 122 141 Ending Market Value 2,054 2,054



Characteristic and allocation charts represents the composite data of the Amundi Multi-Sector Fixed Income. The Other sector consists of ABS, CMO, Convertibles, Municipals, Private Placements/144As and TIPS.

# **Amundi Pioneer Core Plus**

For the Periods Ending September 30, 2024



# Portfolio Statistics Since Feb 2012

	Pioneer	Bloomberg Universal
Return (%)	4.19	2.26
Standard Deviation (%)	5.69	4.49
Sharpe Ratio	0.51	0.22

Benchmark Relative Statistics	
1.03	
66.19	
1.88	
3.31	
66.45	
118.98	
86.44	
	1.03 66.19 1.88 3.31 66.45 118.98

### Growth of a Dollar Since Feb 2012

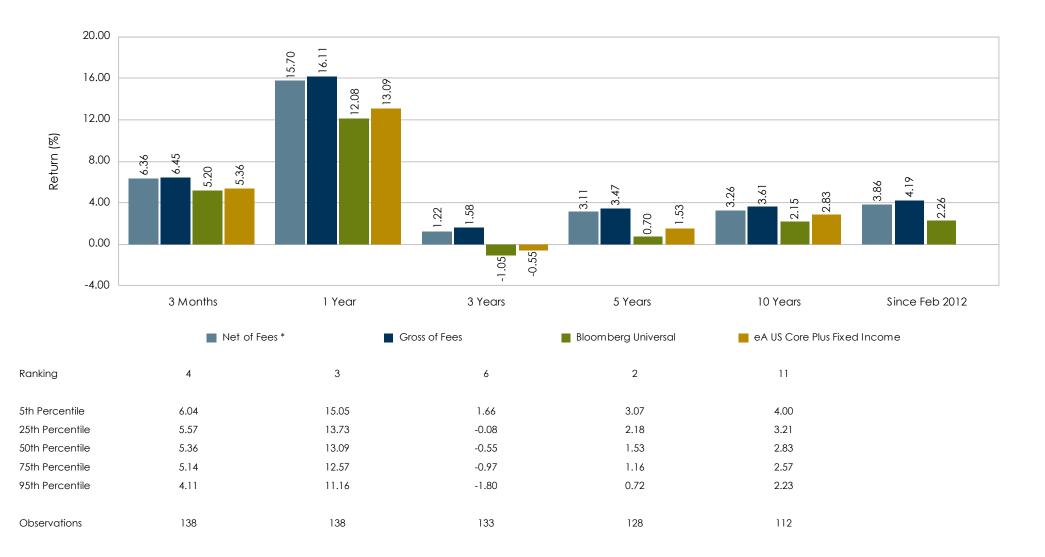


# Return Analysis Since Feb 2012

	Pioneer	Bloomberg Universal
Number of Months	152	152
Highest Monthly Return (%)	5.21	4.50
Lowest Monthly Return (%)	-9.90	-4.31
Number of Positive Months	106	91
Number of Negative Months	46	61
% of Positive Months	69.74	59.87

# **Amundi Pioneer Core Plus**

For the Periods Ending September 30, 2024



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

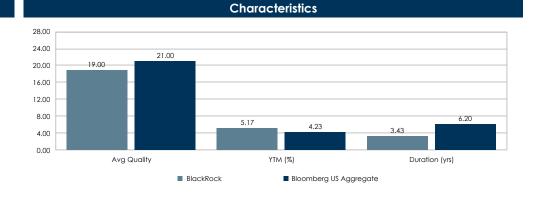
<sup>\*</sup> Performance is calculated using net of fee returns.
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# **BlackRock Strategic Income Opportunities**

For the Periods Ending September 30, 2024

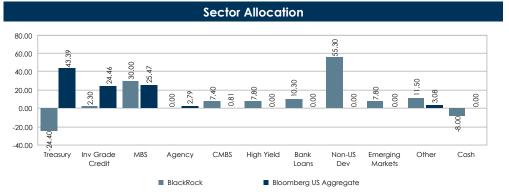
# **Account Description**

- Strategy Absolute Return
- Vehicle Mutual Fund: Institutional Class (BSIKX)
- Benchmark Bloomberg US Aggregate
- Performance Inception Date July 2017
- **Expense Ratio** 65 bps

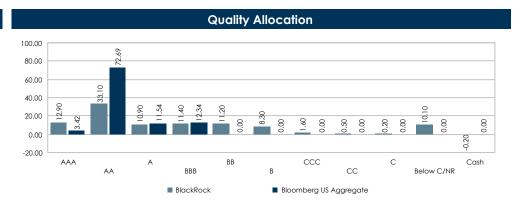


### **Performance Goals**

 Meet or exceed the targeted return of the Bloomberg US Aggregate over a complete market cycle (typically 3-5 years).



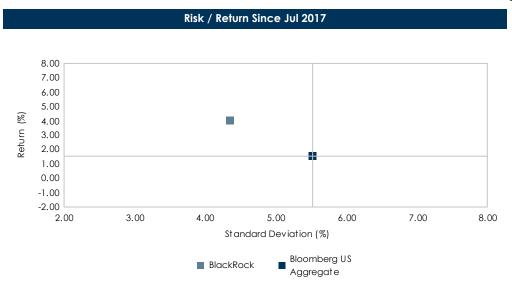
# Beginning Market Value 1,793 1,619 Net Additions 147 287 Return on Investment 84 118 Ending Market Value 2,024 2,024



Characteristic and allocation charts represents the composite data of the BlackRock Strategic Income Opportunities. The Other sector consists of ABS, CMO, Convertibles, Municipals, Private Placements/144As and TIPS.

# **BlackRock Strategic Income Opportunities**

For the Periods Ending September 30, 2024



# Portfolio Statistics Since Jul 2017

	BlackRock	Bloomberg US Aggregate
Return (%)	4.05	1.54
Standard Deviation (%)	4.34	5.52
Sharpe Ratio	0.44	-0.11

Benchmark Relative Statistics		
Beta	0.50	
R Squared (%)	39.92	
Alpha (%)	3.28	
Tracking Error (%)	4.36	
Batting Average (%)	64.37	
Up Capture (%)	72.49	
Down Capture (%)	30.83	

### Growth of a Dollar Since Jul 2017

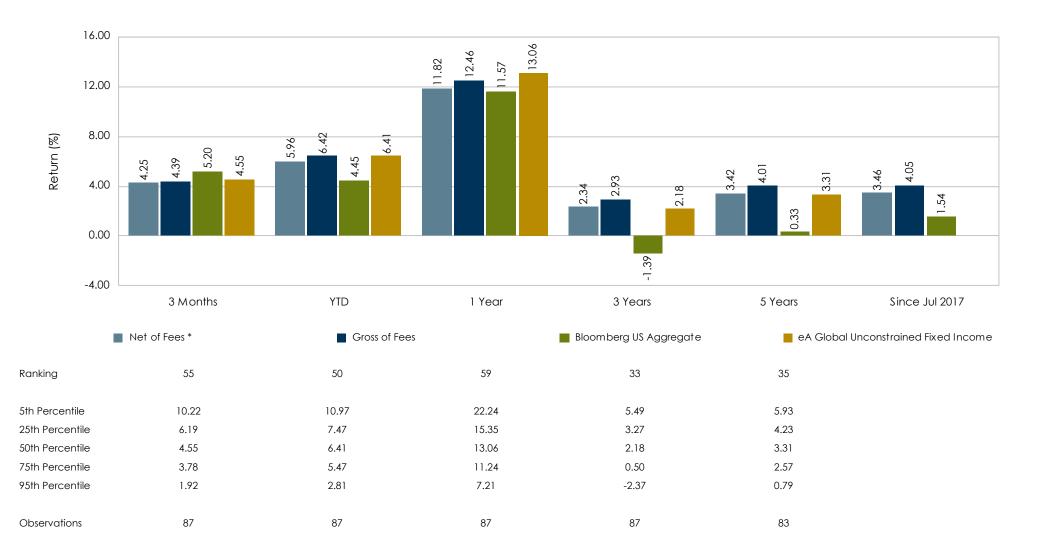


# Return Analysis Since Jul 2017

	BlackRock	Bloomberg US Aggregate
Number of Months	87	87
Highest Monthly Return (%)	3.04	4.53
Lowest Monthly Return (%)	-6.60	-4.32
Number of Positive Months	58	45
Number of Negative Months	29	42
% of Positive Months	66.67	51.72

# **BlackRock Strategic Income Opportunities**

For the Periods Ending September 30, 2024



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

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# **Bond Index Option**

For the Periods Ending September 30, 2024

Manager Allocation		
Name	Market Value (\$000s)	Allocation (%)
Total	14,807	100.00
SSgA US Aggregate Bond	14,807	100.00

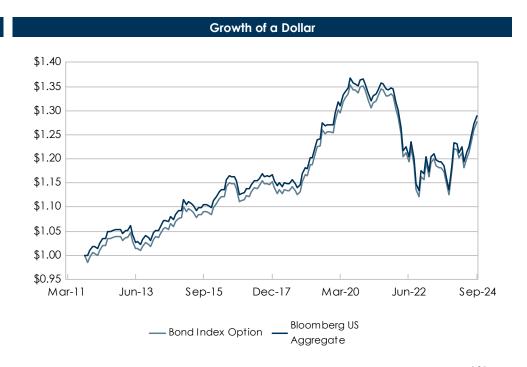
Bond Index Option	

 This option includes the passively managed SSgA US Aggregate Bond Index Fund.

**Portfolio Information** 

 Performance Goal - Mirror the risk and return profile of the BloomBar US Aggregate over all time periods.

Dollar Growth Summary (\$000s)		
	3 Months	YTD
Beginning Market Value	14,244	14,220
Net Additions	-169	-64
Return on Investment	731	652
Ending Market Value	14.807	14.807

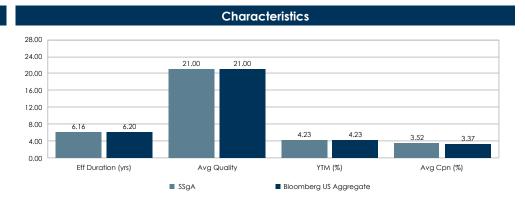


# SSgA US Aggregate Bond

For the Periods Ending September 30, 2024

# **Account Description**

- Strategy US Investment Grade
- Vehicle Non-Mutual Commingled
- Benchmark Bloomberg US Aggregate
- Performance Inception Date November 2011
- Fees 6 bps



### **Performance Goals**

 Mirror the risk and return profile of the Bloomberg US Aggregate over all time periods.



# Dollar Growth Summary (\$000s) 3 Months YTD Beginning Market Value 14,244 14,220 Net Additions -169 -64 Return on Investment 731 652 Ending Market Value 14,807 14,807

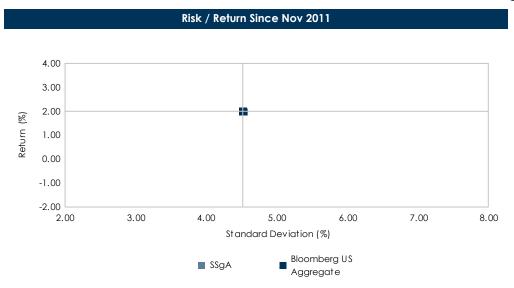


Characteristic and allocation charts represents data of the US Aggregate Bond Index SL Fund (Non-Mutual Commingled).

The Other sector consists of ABS, CMO, Convertibles, Municipals, Private Placements/144As and TIPS.

# SSgA US Aggregate Bond

For the Periods Ending September 30, 2024



# Portfolio Statistics Since Nov 2011

	SSgA	Bloomberg US Aggregate
Return (%)	1.98	1.98
Standard Deviation (%)	4.53	4.52
Sharpe Ratio	0.16	0.16

Benchmark Relative Statistics		
Beta	1.00	
R Squared (%)	99.84	
Alpha (%)	-0.01	
Tracking Error (%)	0.18	
Batting Average (%)	54.19	
Up Capture (%)	100.56	
Down Capture (%)	100.83	



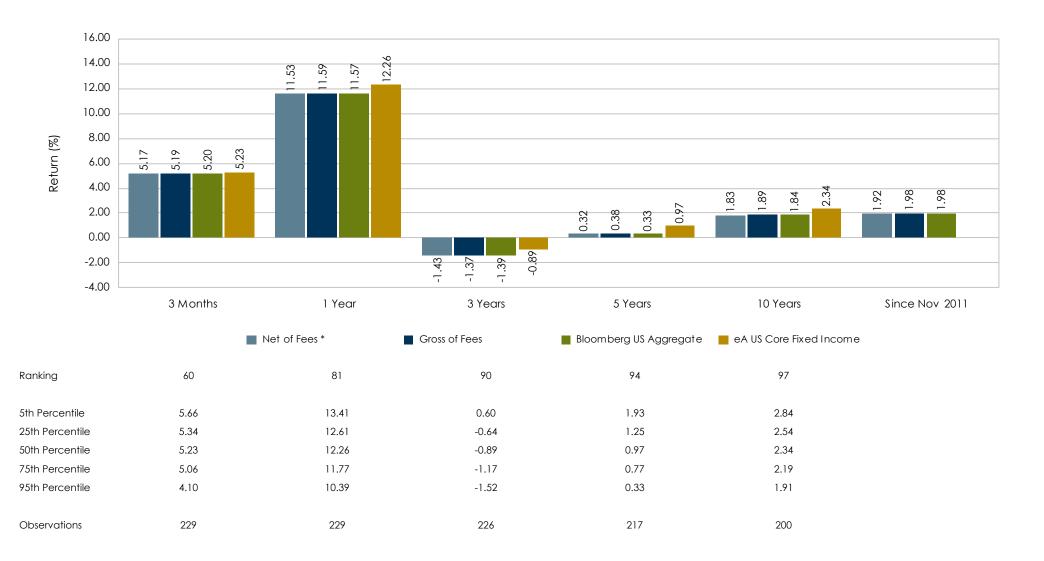


# Return Analysis Since Nov 2011

	SSgA	Bloomberg US Aggregate
Number of Months	155	155
Highest Monthly Return (%)	4.52	4.53
Lowest Monthly Return (%)	-4.32	-4.32
Number of Positive Months	87	87
Number of Negative Months	68	68
% of Positive Months	56.13	56.13

# SSgA US Aggregate Bond

For the Periods Ending September 30, 2024



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

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# **Real Assets Option**

For the Periods Ending September 30, 2024

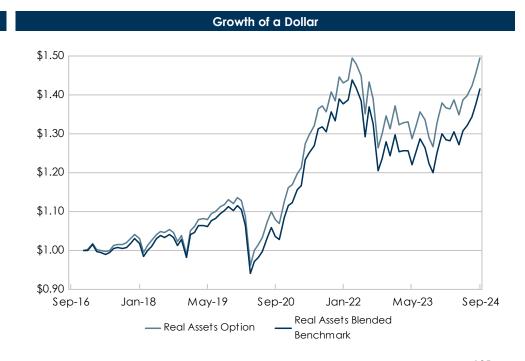
Manage	r Allocation	
Name	Market Value (\$000s)	Allocation (%)
Total	719	100.00
PIMCO Diversified Real Assets	719	100.00

Real	Asset	Ontion	

- This option includes a REIT, Commodity and TIPS strategy.
- Performance Goal Outperform the custom benchmark over a complete market cycle (typically 3 to 5 years)

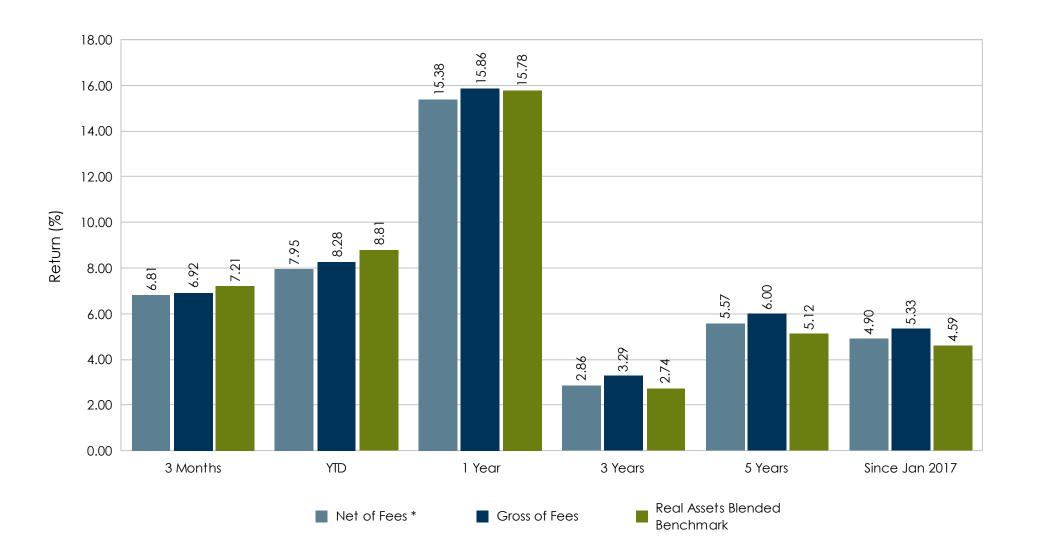
**Portfolio Information** 

Dollar Gr	owth Summary (\$000s)	
	3 Months	YTD
Beginning Market Value	743	780
Net Additions	-73	-119
Return on Investment	49	58
Ending Market Value	719	719



# **Real Assets Option**

For the Periods Ending September 30, 2024



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# **Fixed Fund Option**

For the Periods Ending September 30, 2024

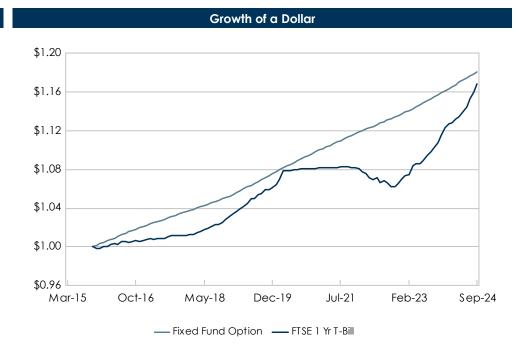
Mo	anager Allocation	
Name	Market Value (\$000s)	Allocation (%)
Total	47,358	100.00
Voya Fixed Plus III	47,358	100.00

■ Fixed account designed to provide participants with principal stability over a	
long-term investment horizon. The Fixed Account is backed by the Voya	
Retirement Insurance and Annuity Company (VRIAC) general account.	

**Portfolio Information** 

The manager's performance will be evaluated on absolute return, relative return, volatility profile and consistency with stated style relative to similar fixed income strategies.

Dollar Gr	owth Summary (\$000s)	
	3 Months	YTD
Beginning Market Value	47,162	51,126
Net Additions	-70	-4,573
Return on Investment	267	805
Ending Market Value	47.358	47.358



# **SSgA Target Retirement Options**

For the Periods Ending September 30, 2024

Manager Allo	cation	
Name	Market Value (\$000s)	Allocation (%)
Total	252,756	100.00
SSgA Target Retirement 2025	45,128	17.85
SSgA Target Retirement 2030	39,700	15.71
SSgA Target Retirement 2035	34,425	13.62
SSgA Target Retirement 2040	27,803	11.00
SSgA Target Retirement 2045	23,529	9.31
SSgA Target Retirement 2020	19,569	7.74
SSgA Target Retirement Income	19,049	7.54
SSgA Target Retirement 2050	18,053	7.14
SSgA Target Retirement 2060	13,044	5.16
SSgA Target Retirement 2055	12,181	4.82
SSgA Target Retirement 2065	275	0.11

This option includes a combination of passive SSgA strategies across global
equity, fixed income and real assets.

**Portfolio Information** 

- The risk/return profile of the target date funds are based upon each participant's age and time horizon.
- The target date funds automatically shift the asset allocation from more aggressive to more conservative as the participant approaches the stated retirement date.
- The manager's performance will be evaluated on absolute return, relative return, volatility profile and consistency with stated style relative to similar target date funds.

	3 Months	YTD
Beginning Market Value	236,324	223,954
Net Additions	1,002	486
Return on Investment	15,430	28,316
Ending Market Value	252,756	252,756

**Dollar Growth Summary (\$000s)** 



**Appendix** 

# Historical Benchmark Composition

# **OMRF DB Policy Index**

04/30/1987	The index consists of 100.0% OMRF DB Policy Index History.
07/31/2003	The index consists of 55.00% S&P 500, 10.00% MSCI EAFE NetDiv, 35.00% Bloomberg US Aggregate.
03/31/2004	The index consists of 40.00% S&P 500, 15.00% Russell 2500, 10.00% MSCI EAFE NetDiv, 35.00% Bloomberg US Aggregate.
02/28/2007	The index consists of 40.00% S&P 500, 15.00% Russell 2500, 10.00% MSCI EAFE NetDiv, 30.00% Bloomberg US Aggregate, 5.00% NCREIF Property.
10/31/2010	The index consists of 35.00% S&P 500, 10.00% Russell 2500, 20.00% MSCI EAFE NetDiv, 30.00% Bloomberg US Aggregate, 5.00% NCREIF Property.
04/30/2014	The index consists of 25.00% S&P 500, 10.00% Russell 2500, 10.00% MSCI ACWI NetDiv, 20.00% MSCI EAFE NetDiv, 30.00% Bloomberg US Aggregate, 5.00% NCREIF Property.
03/31/2016	The index consists of 65.00% MSCI ACWI NetDiv, 30.00% Bloomberg US Aggregate, 5.00% NCREIF Property.
01/31/2021	The index consists of 70.00% MSCI ACWI NetDiv, 25.00% Bloomberg US Aggregate, 5.00% NCREIF Property.
10/31/2021	The index consists of 70.00% MSCI ACWI NetDiv, 20.00% Bloomberg US Aggregate, 10.00% NCREIF Property.
09/30/2022	The index consists of 65.00% MSCI ACWI NetDiv, 20.00% Bloomberg US Aggregate, 15.00% NCREIF Property.
03/31/2023	The index consists of 65.00% MSCI ACWI NetDiv, 20.00% Bloomberg US Aggregate, 15.00% NCREIF Property.
03/31/2024	The index consists of 65.00% MSCI ACWI NetDiv, 20.00% Bloomberg US Aggregate, 15.00% NFI ODCE Net.

## **Definitions of Statistical Measures**

**Alpha -** the annualized difference between the manager's actual return and the manager's expected return given its relative risk vs. the benchmark (which is represented by beta, a measure that tracks volatility to an index).

**Batting Average -** a measure used to quantify a manager's ability to meet or beat a benchmark. A manager who outperforms the benchmark 20 out of a possible 40 times has a batting average of 50.

**Beta** - measures the portfolio's sensitivity of returns to market movements represented by the primary benchmark.

**Down Capture -** demonstrates the ratio of the portfolio's average returns relative to the benchmark in periods in which the benchmark had a negative return. For instance, a down-capture of 96% indicates that, on average, the portfolio is down 96% when the benchmark is down 100%. Lower portfolio down-capture is preferred.

**R Squared -** the amount of the manager's return that can be explained by the benchmark. A R Squared of 100 indicates a perfect correlation, while a R Squared of 0 indicates no correlation at all.

**Sharpe Ratio -** a measure of return per unit of risk. Higher sharpe ratios are preferred while negative ratios are generally meaningless and cannot be used for comparison purposes.

**Standard Deviation -** a measure of the portfolio's volatility. A large standard deviation relative to the benchmark represents volatile portfolio returns.

**Tracking Error** - a measure that reports the difference between the return of a manager that is received and that of a benchmark that the manager is attempting to track.

**Up Capture -** demonstrates the ratio of the portfolio's average returns relative to the benchmark in periods in which the benchmark had a positive return. For instance, an up-capture of 96% indicates that, on average, the portfolio is up 96% when the benchmark is up 100%. Higher portfolio up-capture is preferred.

# **Quality Rating Scale**

Moody's Rating	S&P Rating	Prior to 1Q09	Beginning 1Q09	Beginning 3Q11	Moody's Rating	S&P Rating	Prior to 1Q09	Beginning 1Q09	Beginning 3Q11
TSY	TSY	10	26	24	Ba2	ВВ	6	13	13
AGY	AGY	10	25	24	Ва	BB		13	13
Aaa	AAA	10	24	24	MIG4		6	13	13
Aal	AA+	9.3	23	23	ВаЗ	BB-	5.7	12	12
Aa2	AA		22	22	B1	B+	5.3	11	11
Aa	AA	9	22	22	B2	В	5	10	10
MIG1		9	22	22	В	В		10	10
Aa3	AA-	8.7	21	21	В3	B-	4.7	9	9
A1	A+	8.3	20	20	Caal	CCC+	4.3	8	8
A-1			20	20	Caa2	CCC	4	7	7
A2	Α	8	19	19	Caa	CCC		7	7
Α	Α		19	19	Caa3	CCC-	3.7	6	6
MIG2		8	19	19	Ca	CC	3	5	5
A3	A-		18	18	С	С	2	4	4
Baal	BBB+	7.7	17	17		DDD	1	3	3
Baa2	BBB	7.3	16	16		DD		2	2
Baa	BBB	7	16	16		D		1	1
MIG3			16	16	NR	NR	N/A	-1	-1
Baa3	BBB-	7	15	15	NA	NA	N/A		
Ba1	BB+	6.7	14	14	N/A	N/A			

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OKLAHOMA MUNICIPAL RETIREMENT FUND
MASTER DEFINED CONTRIBUTION PLAN

### AMENDMENT FOR CARES ACT

# ARTICLE 1 PREAMBLE; DEFINITIONS

- Adoption of Amendment. The Document Provider, on behalf of the Employer, hereby adopts this Amendment to the Employer's Plan to implement provisions of the Act which affect the Plan. All references to the Plan include the Plan's loan program, policy, or procedure to the extent applicable.
- 1.2 **Superseding of inconsistent provisions**. This Amendment supersedes the provisions of the Plan to the extent those provisions are inconsistent with the provisions of this Amendment.
- 1.3 Construction. This Amendment is intended as good-faith compliance with the requirements of the Act, and is to be construed in accordance with guidance issues thereunder, regardless of when such guidance is issued. Except as otherwise provided in this Amendment, any Article or Section reference in this Amendment refers only to this Amendment and is not a reference to the Plan. The Article and Section numbering in this Amendment is solely for purposes of this Amendment and does not relate to the Plan article, section, or other numbering designations.
- 1.4 **Effect of restatement of Plan.** If the Employer restates the Plan then this Amendment shall remain in effect after such restatement unless the provisions in this Amendment are restated or otherwise become obsolete (e.g., if the Plan is restated onto a plan document which incorporates these provisions).
- 1.5 **Definitions.** Except as otherwise provided in this Amendment, terms defined in the Plan will have the same meaning in this Amendment. The following definitions apply specifically to this Amendment:
  - A. The "Act" is the Coronavirus Aid, Relief, and Economic Security Act, also known as the CARES Act. This Amendment shall be interpreted and applied to comply with the Act.
  - B. A "Qualified Individual" means any individual who meets one or more of the criteria described in paragraphs (1), (2), (3), or (4). Participants, alternate payees and beneficiaries of deceased participants can be treated as Qualified Individuals. The Plan Administrator may rely on an individual's certification that the individual satisfies a condition to be a Qualified Individual unless the Plan Administrator has actual knowledge to the contrary. In applying the criteria, "COVID-19" means either the virus SARS—CoV—2 or coronavirus disease 2019; "an approved test" means a test approved by the Centers for Disease Control and Prevention (including a test authorized under the Federal Food, Drug, and Cosmetic Act); and a "member of the individual's household" means someone who shares the individual's principal residence. The criteria are as follows:
    - (1) The individual was diagnosed with COVID-19 by an approved test;
    - (2) The individual's spouse or dependent (as defined in Code §152) was diagnosed with COVID-19 by an approved test;
    - (3) The individual has experienced adverse financial consequences because: (a) the individual or the individual's spouse, or a member of the individual's household was quarantined, furloughed or laid off, or had work hours reduced due to COVID-19; (b) the individual, the individual's spouse, or a member of the individual's household was unable to work due to lack of childcare due to COVID-19; (c) A business owned or operated by the individual, the individual's spouse, or a member of the individual's household closed or reduced hours due to COVID-19; or (d) the individual, the individual's spouse, or a member of the individual's household had a reduction in pay (or self-employment income) due to COVID-19 or had a job offer rescinded or start date for a job delayed due to COVID-19; or
    - (4) The individual satisfies any other criteria determined by the Treasury or the IRS.

1.6 Adoption by Document Provider. The Document Provider hereby adopts this Amendment on behalf of all of the Document Provider's plans adopted by its adopting employers. The adoption by the Document Provider becomes applicable with respect to an Employer's Plan on March 27, 2020 (or, if later, the Effective Date of the Plan), unless the Employer individually adopts this Amendment, or an alternative amendment, prior to the expiration of the remedial amendment period relating to this Amendment. The Document Provider means the Sponsor of a Prototype Plan or Volume Submitter Practitioner of a Volume Submitter Plan as defined in Rev. Proc. 2013-22 or 2015-36, or the Provider of a Pre-approved Plan, as defined in Rev. Proc. 2017-41. References to the Document Provider's plans or to pre-approved plans refer to the Prototype Plans, Volume Submitter Plans, and/or Pre-approved Plans sponsored by the Document Provider for use by adopting employers, as the case may be, except as limited in Section 2.1.

# ARTICLE 2 IDENTIFYING INFORMATION; EMPLOYER ELECTIONS

- 2.1 **Application to Document Provider plans:** This Amendment will apply to all preapproved plans (including Prototype and Volume Submitter plans) of the Document Provider except the following: Defined Benefit Plans.
- 2.2 **Relief for Qualified Individuals.** The Plan provides all of the following relief for Qualified Individuals: (1) Coronavirus-Related Distributions described in Article 3, (2) increased loan limits described in Section 4.2, (3) the loan repayment extension described in Section 4.3.
- 2.3 **RMD waivers for 2020.** The provisions of Section 5.2 apply and a Participant or Beneficiary who would have been required to receive a 2020 RMD or Extended 2020 RMD will not receive the distribution unless the Participant or Beneficiary chooses to receive the distribution.
- 2.4 Effective Date. This Amendment is effective March 27, 2020 (or as soon as practical thereafter).

# ARTICLE 3 CORONAVIRUS-RELATED DISTRIBUTIONS

- 3.1 **Coronavirus-Related Distribution(s)**. A Qualified Individual may take one or more Coronavirus-Related Distributions. The provisions of this Section will apply notwithstanding any limitation in the Plan on partial distributions or any otherwise applicable plan or administrative limits on the number of allowable distributions.
- 3.2 **Repayment of distribution**. If the Plan permits a Participant to make rollover contributions, then a such a Participant who received a Coronavirus-Related Distribution (from this Plan and/or another eligible retirement plan as defined in Code §402(c)(8)(B)), at any time during the 3-year period beginning on the day after receipt of the distribution, may make one or more contributions to the Plan, as rollover contributions, in an aggregate amount not to exceed the amount of such distribution.
- 3.3 **Definition of Coronavirus-Related Distribution.** A "Coronavirus-Related Distribution" means a distribution to a Qualified Individual during the period beginning January 1, 2020 and ending December 30, 2020. The total amount of Coronavirus-Related Distributions to a Qualified Individual pursuant to this Amendment from all plans maintained by the Employer, or any related employer described in Code §414(b), (c), (m), or (o), shall not exceed \$100,000. The Coronavirus-Related Distributions from the Plan to a Qualified Individual will not exceed the amount of the individual's vested account balance.

# ARTICLE 4 PARTICIPANT LOAN RELIEF

4.1 **Application.** This Article 4 will apply only if the Plan permits participant loans.

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- 4.2 Increased loan limit. Notwithstanding the loan limitation that otherwise would apply, the Plan will determine the loan limit under Code §72(p)(2)(A) for a loan to a Qualified Individual, made during the period beginning March 27, 2020 and ending September 22, 2020, by substituting "\$100,000" for "\$50,000," and by substituting "100% of the present value of the nonforfeitable accrued benefit of the employee under the Plan" for "one-half of the present value of the nonforfeitable accrued benefit of the employee under the Plan" (or its equivalent).
- Extension of certain repayments. If a Qualified Individual has an outstanding loan from the Plan on or after March 27, 2020, then: (1) if the date for any repayment of such loan occurs during the Suspension Period, the due date is extended for the Extension Period; (2) the due date of the loan will be extended by the Extension Period; (3) the Plan will adjust any subsequent repayments to reflect the extension of the due date and any interest accrued during the Suspension Period; and (4) the Plan will disregard the Extension Period in determining the 5-year period and the loan term under Code §72(p)(2)(B) or (C). The Suspension Period will begin March 27, 2020 and end December 31, 2020. The Extension Period will be one year. The provisions of this Section 4.3 will be applied in accordance with Section 5.B. of Notice 2020-50, or any subsequent applicable guidance, and the adjustment described in (3) may reflect the "safe harbor" described therein.

# ARTICLE 5 WAIVER OF 2020 REQUIRED MINIMUM DISTRIBUTIONS (RMDs)

- 5.1 **Application.** The definitions in Section 5.3 will apply in interpreting Section 2.4.
- Waiver; default provision. Notwithstanding the provisions of the Plan relating to RMDs, a Participant or Beneficiary who would have been required to receive 2020 RMDs, and who would have satisfied that requirement by receiving distributions that are (1) equal to the 2020 RMDs, or (2) Extended 2020 RMDs will not receive those distributions unless the Participant or Beneficiary chooses to receive the distributions, and a Participant or Beneficiary will be given an opportunity to make an election as to whether or not to receive those distributions. If the Plan permits a Beneficiary of a deceased Participant to make the election to use the 5-year rule or the life expectancy rule, the deadline to make the election may be extended to reflect the adoption of Code §401(a)(9)(I).
- 5.3 **Definitions. "RMDs"** means required minimum distributions described in Code §401(a)(9). "2020 **RMDs"** means required minimum distributions the Plan would have been required to distribute in 2020 (or permitted to pay in 2021 for the 2020 calendar year for a Participant with a required beginning date of April 1, 2021) but for the enactment of Code §401(a)(9)(I). "Extended 2020 RMDs" means one or more payments in a series of substantially equal distributions (that include the 2020 RMDs) made at least annually and expected to last for the life (or life expectancy) of the Participant, the joint lives (or joint life expectancy) of the Participant and the Participant's designated Beneficiary, or for a period of at least 10 years.
- 5.4 **Installment payments.** A Participant or Beneficiary receiving payment of 2020 RMDs or 2020 Extended RMDs pursuant to this Article 5 may receive them in any method (including installments or partial distributions) which would have been permitted under the terms of the Plan if the amounts would have been RMDs but for the enactment of Code §401(a)(9)(I).

\* \* \* \* \* \*

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# OKLAHOMA MUNICIPAL RETIREMENT FUND MASTER DEFINED CONTRIBUTION PLAN

10.00	
By: Dela G. Passalnonia	
By: Jeh G. Passalnenis (Authorized signer for Document Provider)	
The Document Provider executed this Amendment to	his 24th day of October, 2024.
This Amendment is in accordance with Resolution 2 Fund Board of Trustees on the 24 <sup>th</sup> day of April, 202	2020-2 as approved by the Oklahoma Municipal Retirement 20.
	OKLAHOMA MUNICIPAL RETIREMENT FUND
	By:
	Title:
Attest:	
Secretary	

Document Provider Name: McAfee & Taft A Professional Corporation

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# Report on Newly Adopted or Amended Plans Oklahoma Municipal Retirement Fund Revised Nov-24

City	Plan Type	Effective	Details of Plan Changes	Current	
Calumet	СМО-СОР	11/1/2024	✓Increase GPU to 9.00% ✓Exclude anyone participating in another system	Effective Vesting Employer contr. Employee contr. Loans	4/1/2022 100% Immediate Variable GPU 8.00% Yes
Glenpool	СМО-СОР	11/1/2024	✓Exclude anyone participating in another system	Effective Vesting Employer contr. Employee contr. Loans	4/1/2022 100% Immediate Variable GPU 8% Yes
Alva	DB	12/1/2024	✓ Early Retirement Window: As of 12/1/2024 a current employee of Altus who is age 62, or more & at least 25 years of Vesting Service may elect to retire & draw a monthly check and no early retirement reduction will apply. Eligible Employees will receive 2 years of addtl benefit years. No Lump sums Election prior to 01/31/2025 and retire by 02/28/2025		
Checotah	DB	1/1/2025	✓Change to 7 year cliff vesting ✓Current Retirees & DV one time 3% increase ✓Adoption of New Master Plan & Joinder	Effective Plan Contribution Type Hybrid Vesting years Period Certain COLA Employee contr	8/1/2020 CC Pretax No 10 5 years No Plan Max 3.75%
Arkoma	DC	2/1/2025	✓Exclude Chief of Police	Effective Vesting Employer contr. Employee contr. Loans	1/1/2022 100%/5 Variable 1.00% GPU No

# Report on Newly Adopted or Amended Plans Oklahoma Municipal Retirement Fund Revised Nov-24

City	Plan Type	Effective	Details of Plan Changes	Current	
Arkoma	СМО	2/1/2025	<ul> <li>✓ Chief of Police</li> <li>✓ Immediate vesting</li> <li>✓ Employer Contribution Variable</li> <li>✓ Employee Contribution 3.00% GPU</li> <li>✓ No Loans Allowed</li> </ul>	New CMO Plan	
McAlester	CMO-SI	2/1/2025	<ul> <li>✓ City Manager</li> <li>✓ 5 year cliff vesting for service starting 07/01/2022</li> <li>✓ Employer Contribution Variable</li> <li>✓ Employee Contribution Vountary After-tax</li> <li>✓ No Loans Allowed</li> </ul>	New CMO Plan	
Pauls Valley	DC	2/1/2025	✓Exclude Assistant City Manager	Effective Vesting Employer contr. Employee contr. Loans	4/1/2022 20%/2100%/6 Match 6% After Tax 6% Yes
Pauls Valley	CMO-ACM	2/1/2025	✓ Assistant City Manager ✓ Immediate vesting ✓ Employer Contribution Variable ✓ Employee Contribution 9.00% GPU ✓ Loans Allowed	New CMO Plan	
Lawton	СМО	11/1/2024	✓Decrease GPU to 0.00%	Effective Vesting Employer contr. Employee contr. Loans	4/1/2022 100% Immediate Variable 9.00% GPU Yes
Nicoma Park	DC	1/1/2025	✓Increase Employer Fixed to 14% ✓Increase EE GPU to 9.00%	Effective Vesting Employer contr. Employee contr. Loans	4/1/2022 100% in year 3 Fixed 13% GPU 8% Yes

# Report on Newly Adopted or Amended Plans Oklahoma Municipal Retirement Fund Revised Nov-24

City	Plan Type	Effective	Details of Plan Changes	Current
Antlers	DB	1/1/2025	✓Adoption of New Master Plan & Joinder	
Boise City	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Bristow	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Buffalo & BPWA	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Central Oklahoma MCD	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Chandler	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Chouteau & CPWA	RO	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Cleo Springs	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Davis	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Healdton	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Hooker	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Leedey	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Lindsay & Lindsay PWA	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Mountain Park MCD	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Nichols Hills & Nichols Hills MA	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Okeene	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Porum & Porum PWA	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Seiling & Seiling PWA	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Skiatook	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Valliant	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Wakita & Wakita UA	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Yale	DB	1/1/2025	✓ Adoption of New Master Plan & Joinder	
Frederick	DB	1/1/2025	✓Adoption of New Master Plan & Joinder	
Goodwell	DB	1/1/2025	✓Adoption of New Master Plan & Joinder	
Hydro	DB	1/1/2025	✓Adoption of New Master Plan & Joinder	
Mannford	DB	1/1/2025	✓Adoption of New Master Plan & Joinder	
Meeker	DB	1/1/2025	✓Adoption of New Master Plan & Joinder	
Newkirk	DB	1/1/2025	✓Adoption of New Master Plan & Joinder	
Ratliff City	DB	1/1/2025	✓Adoption of New Master Plan & Joinder	
Sallisaw	DB	1/1/2025	✓Adoption of New Master Plan & Joinder	
Westville UA	DB	1/1/2025	✓Adoption of New Master Plan & Joinder	